



# भारत का राजपत्र The Gazette of India

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No. 36] NEW DELHI, SATURDAY, SEPTEMBER 6—SEPTEMBER 12, 2003 (BHADRA 15, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Kolkata, the 6th September 2003

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Territories of Daman and  
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Telegraphic Address "PATOFFICE"  
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Fax No. (022) 2495 0622.  
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Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-Mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Lakshadweep, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFICE"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax No. (044) 2431 4750/4751.  
E-Mail: patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-Mail: patentin@vsnl.com.

patindia@giasci01.vsnl.net.in

Website: http://ipindia.nic.in

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 6 सितम्बर 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
दोरी इस्टेट, तीसरा तल,  
सल मिल कम्पाउंड,  
लौअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684.

फैक्स : (022) 2495 0622.

ई.मेल : patnum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, संजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्री एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिस"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2586 1258.

फैक्स : (011) 2587 1256.

ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुणा कम्प्लेक्स, छठा तल, एवेक्स-11,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिक्कम तथा एमिनिदिपि द्वीप।  
तार पता - "पेटेंटोफिस"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई.-मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : http://ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई भी पेटेंट कार्यालय के क्षेत्रल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट की भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा  
सकती है।

**APPLICATIONS FOR PATENTS FILED AT PATENT OFFICE BRANCH  
Guna Complex, Annex II, 8th Floor, No. 443, Anna Salai, Teynampet,  
Chennai - 600 018**

**23<sup>rd</sup> December, 2002**

- 973/MAS/2002 AGT Electronics Limited. Versatile Internet Access Appliance.
- 974/MAS/2002 C. Raja Reddy. A mosquito trap consisting of an exhaust fan run by an electric motor, fixed in a casing that is fitted with a series of box type nets in the front and a hood at the rear to centralise air-in flow and suitable insect-attracting device at the back.

**24<sup>th</sup> December, 2002**

- 975/MAS/2002 SPIC Science Foundation. A composite membrane for use in electrochemical apparatuses and processes.
- 976/MAS/2002 Sundaram Clayton Limited. A spring brake actuator with internal breather for an automobile braking system.
- 977/MAS/2002 Sundaram Clayton Limited. A gasket for the coolant system of an air compressor.
- 978/MAS/2002 Sundaram Clayton Limited. An anticomponding and roll back prevention spring brake actuator for an automobile braking system.
- 979/MAS/2002 Sudarshana. A smaller keyboard.
- 980/MAS/2002 Jai Balaji & Co. 'JAI BRAND' oil tight limit switches.
- 981/MAS/2002 Directors of Nature Care Solutions (India) Pvt. Ltd. Natural Drink Concentrate (Cool & Warm)
- 982/MAS/2002 Dana Corporation. Drive train member having convex splines. (December 27, 2001; US)
- 983/MAS/2002 Matsushita Electric Industrial Co. Ltd. Apparatus for recording a channel signal to a recording medium. (April 4, 1995; Japan) (Div. to Patent Appln. No.553/MAS/96 dated April 3, 1996.)
- 984/MAS/2002 Matsushita Electric Industrial Co. Ltd. Apparatus for recording a channel signal to a recording medium. (April 4, 1995; Japan) (Div. to Patent Appln. No.553/MAS/96 dated April 3, 1996.)
- 985/MAS/2002 Sundaram Clayton Limited. A combined key and retainer device for a vacuum brake booster of the braking system of a motor vehicle.
- 988/MAS/2002 TVS Electronics Limited. A surge arrester device.

**26<sup>th</sup> December, 2002**

- 987/MAS/2002 Arundhati Mishra and Vivekananda Panl. An improved key pad design to facilitate easier data entry.

**27<sup>th</sup> December, 2002**

- 988/MAS/2002 Matsushita Electric Industrial Co. Ltd. An apparatus for recording information on a recording track having a plurality of sectors formed on an optical record carrier. (April 10, 1995; Japan) (Div. to Patent Appln. No.570/MAS/96 dated April 4, 1996.)
- 989/MAS/2002 TVS Motor Company Limited. A scooter type motor vehicle provided with a device for suspending articles below the control panel assembly of the vehicle.
- 990/MAS/2002 TVS Motor Company Limited. A bag rack.

30<sup>th</sup> December, 2002

- 991/MAS/2002 Dynaspede Integrated Systems Pvt. Ltd. Apparatus for determining precise process tensions for web material.
- 992/MAS/2002 Dr.Reddy's Laboratories Limited. An improved process for the preparation of zafirlukast.
- 993/MAS/2002 Dr.Reddy's Laboratories Limited. Novel process for the preparation of [R-(E)-1-[[[1-[3-[2-7-chloro-2-quinoliny]] ethenyl] phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl] thio]methyl] cyclopropaneacetic acid (Montelukast) and its pharmaceutically acceptable salts.
- 994/MAS/2002 Vilambath Revindran. Security system.
- 995/MAS/2002 Vilambath Revindran. Emergency power system (EPS).
- 996/MAS/2002 Vilambath Revindran. Liquid level switch/controller.
- 997/MAS/2002 Vilambath Revindran. Liquid level switch/controller.
- 998/MAS/2002 Dr.Reddy's Laboratories Limited. Cartons with special locking systems to prevent pilferage from locking side.
- 999/MAS/2002 Dr.Reddy's Laboratories Limited. Windows with grills for cartons.
- 1000/MAS/2002 Avaya Inc. Computer-Telephony integration that uses features of an automatic call distribution system. (January 3, 2002; US)
- 1001/MAS/2002 Avaya Inc. Uninterrupted automatic call distribution during failure and recovery of computer-telephony integration. (January 3, 2002 US)
- 1002/MAS/2002 Prof. Mayil Vahanan Natarajan and Others. Distal femoral prosthesis with weight bearing polymer pad-mechanism.

31<sup>st</sup> December, 2002

- 1003/MAS/2002 Harold Montho. Half moon coir brush mat (HMCBM) (Footwear).
- 1004/MAS/2002 Francis Mano Paiva. Square coir brush mat (SCBM) (Footwear).
- 1005/MAS/2002 UDCAVI Annasaheb. Sprinkling apparatus with multiple nozzles.

1<sup>st</sup> January, 2003

- 1/MAS/2003 Sendhamangiam Parthasarathy Mudhilar Gopalakrishnan. Instan-fix display holder for tax token or like materials.
- 2/MAS/2003 Paul Gerard D'Souza. Intelligent anti glare visor.

2<sup>nd</sup> January, 2003

- 3/MAS/2003 Ole-Bendt Rasmussen. Cross-laminate of oriented films, method of manufacturing same, and coextrusion die suitable in the process. (March 4, 2002; Britain)

3<sup>rd</sup> January, 2003

- 4/MAS/2003 Devendra Hiralal Veecumsee (DHV) and Others. Jin Agam Siddhi.
- 5/MAS/2003 AT & T Corp. Systems and methods for generating weighted finite-state automata representing grammars. (January 7, 2002; US)
- 6/MAS/2003 Gosala Srinivasa Rao. The vehicle moving power producing apparatus.
- 7/MAS/2003 TVS Motor company Limited. A seat latch assembly for scooter type motor vehicle.
- 8/MAS/2003 TVS Motor Company Limited. An oil filter for the oil sump of the lubricating system of automobile engine.
- 9/MAS/2003 TVS Motor Company Limited. A motorcycle incorporating a device for mounting an end portion of a fender thereof.

6, January, 2003

- 10/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, An improved process for the preparation of alpha - hydroxy aryl propionic acids and its derivatives.

- 11/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, Novel composition containing an acid - labile esomeprazole and process for its preparation .

8, January, 2003

- 12/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel amorphous form of Rosiglitazone maleate and process for preparation thereof.

- 13/MAS/2003 Mr. S.P. Muthuraman, No. 5, Dhaya Garden, Lakshmanam Nagar Extension, Singanullur, Coimbatore - 641005, Automatic ASU machine for tie and dye weft preparation for manufacturing of tie & dye designed textiles for apparels, furnishings, floor coverings and upholstery fabrics.

- 14/MAS/2003 Mr. S.P. Muthuraman, No. 5, Dhaya Garden, Lakshmanam Nagar Extension, Singanullur, Coimbatore - 641005, ASU machine for tie and dye weft preparation for manufacturing of tie & dye designed textiles for apparels, furnishings, floor coverings and upholstery fabrics.
- 15/MAS/2003 Sumitomo chemical company limited, 5 - 33, Kitahama 4 - chome, Chuo - ku, Osaka - shi, Osaka 541 - 8550, Japan, Production method of substituted benzenes.
- 16/MAS/2003 W. Hogewoning Dried flowers B.V., Floralaan 2G, 2230 AG Rijnsburg, Netherlands, Method of manufacturing an artificial branch.
- 17/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, Pharmaceutical formulation comprising biguanide and sulfonylurea.

9, January, 2003

- 18/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel crystalline form - Y of doxazosin mesylate and process for preparation thereof.
- 19/MAS/2003 Dr. Reddy's laboratories ltd., Intellectual Property Management Dept., Discovery Research, Miyapur, Bollaram Road, Hyderabad - 500050, Novel andrographolide compounds: Process for their preparation and pharmaceutical compositions containing them.
- 20/MAS/2003 Degussa AG, Bennigsenplatz 1, D - 40474, Dusseldorf, Germany, Free - flowing polyester molding composition.

- 21/MAS/2003 MRO - TEK Limited, "MRO House", No. 14, 1st Main Road, Ganganagar, Bangalore - 560032, Media convertor.

**10, January, 2003**

- 22/MAS/2003 Mr. S. Haleelul Rehuman, alamcode House, Mekkone, chadanathope (P.O.), Kollam - 691014, Gas iron.

- 23/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086, An improved process for the preparation of cefotaxime sodium.

- 24/MAS/2003 W C Heraeus GmbH & Co KG, Heraustrasse 12 - 14, 63450, Hanau, Germany, Bushing for drawing glass fibers.

- 25/MAS/2003 Rieter ingolstadt spinnereimaschinenbau AG, Friedrich - Ebert - Strasse 84, 85055, Ingolstadt, Germany, Adapter device between a motor and a textile machine.

- 26/MAS/2003 Mr. V.M. Unmesh, Saishyam (P.O.), Kadirur, Kerala - 670642, Video project by mirror scanning (VPBMS) system.

**13, January, 2003**

- 27/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012, A novel

process for dissolution of manganese dioxide.

28/MAS/2003 M/S. Natco Pharma Ltd., NATCO House, Road No. 2, Banjara Hills, Hyderabad - 500033, Novel intermediate (S) -2 -amino 3-(4-aminophenyl) propanol, process for its preparation.

29/MAS/2003 M/S. Natco Pharma Ltd., NATCO House, Road No. 2, Banjara Hills, Hyderabad - 500033, A novel and improved process for the preparation of (S) - 4 - ( 4 - aminobenzyl ) - 2 - oxazolidinone.

30/MAS/2003 Dr. Reddy's Laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, A simple and novel process for the preparation of risperidone.

31/MAS/2003 Mr. Nithin Gopinath, S/O. M. Gopinath, Poorna Lakshmi, Poonithura P.O., Kochi - 682317, Contactless mechanical lock.

32/MAS/2003 Mr. Sunny Philipose & others, Bharat Petroleum Corporation ltd., 7th Floor, Du Parc Trinity, 17, M.G. Road, Bangalore - 560001, A device for limiting and containing the vaporization of light oil petroleum products such as motor spirit, naphtha and other similar organic and inorganic products and preservation of that limited quantity of air vapor mixture.

33/MAS/2003 Mr. N.P. Anantharam, "Anugraha", Near Blossom School, No. 679 - 67th Cross, Kumaraswamy Layout - Stage one, Bangalore - 560078, Generation of electric power from unconventional sources of energy.

34/MAS/2003 M/S. IP Rings Limited, D - 11/12, Industrial Estate, Maraimalai Nagar, Dist. Kanchipuram, Tamilnadu, Compression ring.

35/MAS/2003 FCI, 53 rue de Chateaudun, 75009 Paris, France. Electrical connection

system for two printed circuit boards mounted on opposite sides of a mid-plane printed circuit board at angles to each other.

- 36/MAS/2003 Dr. P.H. Ramanjini Gowda, The Department of Biotechnology,  
University of Agricultural Sciences, GKVK, Bangalore - 560065, An improved rabies vaccine production in plants.
- 37/MAS/2003 Dr. Chellappan Padmakumar, Sreebhavan, Enanalloor P.O., Kalambar,  
Muvattupuzha, Kerala, Intramedullary rod system.
- 38/MAS/2003 Mr. Krishnan Rajendran, 59, Krumbigal Road, Bangalore - 560029, A  
metallothermic reduction process for casting iron/ steel scrap.
- 39/MAS/2003 Mr. G.R. Manjunath, Harvard Consulting Group, 597, 11th Main Road,  
5th Block, Jayanagar, Bangalore - 560041, A process for preparation of  
starch hydrolysates and hydrogenated products from starch containing  
agri - sources.

**14, January, 2003**

- 40/MAS/2003 Air products and chemicals, inc., 7201 Hamilton boulevard Allentown,  
PA 18195 - 1501, USA, Hydrogenation of single ring aromatic diamines.
- 41/MAS/2003 Carborundum universal limited, "Tiam House", No. 72, (Old No. 28),  
Rajaji Salai, Chennai - 600001, A work rest blade assembly for a  
centreless grinder.
- 42/MAS/2003 Carborundum universal limited, "Tiam House", No. 72, (Old No. 28),  
Rajaji Salai, Chennai - 600001, Silicon carbide - alumina - aluminium

nitride composite, abrasive particles and processes of preparing the same.

43/MAS/2003

Carborundum universal limited, "Tiam House", No. 72, (Old No. 28), Rajaji Salai, Chennai - 600001, A process of making glass - matrix ceramic composites for manufacturing bonded abrasives and abrasive articles made with them.

16, January, 2003

44/MAS/2003

Dr. Sambandam Shanmugasundaram & others, Senior Professor & Head, Dept. of Microbial Technology, Madurai Kamaraj University, Madurai - 625021, Gene encoding protein exhibiting agarase activity obtained from an Indian soil isolate.

45/MAS/2003

PACE, Incorporated, 9893, Brewers Court, Laurel, Maryland - 20723, USA, Tip heater cartridge and soldering iron for use therewith.

46/MAS/2003

AT & T Corp., 32 Avenue of the Americas, New York 10013 - 2412, USA, Method and device for providing speech - to - text encoding and telephony service.

47/MAS/2003

Mr. Subramaniam Basker, Flat C, Vetri apartments, 10, Sabapathy street, Sembium, Perambur - 600011, Latent - enersave cooling tower energy saver.

48/MAS/2003

Koninklijke Philips Electronics N.V., Groenewoudseweg 1, NL - 5621 BA, Eindhoven, Netherlands., Digital image processing method.

17, January, 2003

- 49/MAS/2003 M/S. Natco Pharma Ltd., NATCO House, Road No. 2, Banjara Hills, Hyderabad - 500033, Novel intermediates for the preparation of citalopram and processes for their preparation.
- 50/MAS/2003 Mr. M.K. Ramunni Vaidyar, Kolacheryparamba, Kolachery - P.O., Kannur, Kerala - 670601, AIDS remedy.
- 51/MAS/2003 Jawaharlal Nehru Centre for Advanced Scientific Research & others, Jakkur (PO), Bangalore - 560064, Oligonucleotide primers for specific detection of HIV - 1 subtype - C strains by PCR.
- 52/MAS/2003 M/S. Natco Pharma Ltd., NATCO House, Road No. 2, Banjara Hills, Hyderabad - 500033, A process for the preparation of escitalopram.
- 53/MAS/2003 Schneider electric industries SAS, 89, Boulevard Franklin Roosevelt, F - 92500, Rueil Malmaison, France, Electrical switchgear unit equipped with a motorized control and process for operating such switch gear unit.
- 54/MAS/2003 Degussa AG, Bennigsenplatz 1, D - 40474, Dusseldorf, Germany, Molding composition based on polyetheramides.
- 55/MAS/2003 R.P. Scherer Technologies, Inc. of Cardinal Health, Inc., 7000 Cardinal place, Dublin, Ohio 43017, USA, An apparatus for the manufacture of cellulose capsules for pharmaceuticals.
- 56/MAS/2003 R.P. Scherer Technologies, Inc. of Cardinal Health, Inc., 7000 Cardinal

place, Dublin, Ohio 43017, USA, An apparatus for the manufacture of cellulose capsules for pharmaceuticals.

57/MAS/2003 R.P. Scherer Technologies, Inc. of Cardinal Health, Inc., 7000 Cardinal place, Dublin, Ohio 43017, USA, An apparatus for the manufacture of cellulose capsules for pharmaceuticals.

58/MAS/2003 Anabond Limited, New No. 38, teachers Colony, Kamaraj Avenue, Adyar, Chennai - 600020, A method of manufacturing long after glow phosphors based on strontium and aluminium oxides.

**20, January, 2003**

59/MAS/2003 R. Natarajan, 201, "B", Block SNS Arcade, Airport Road, Bangalore - 560017, A system as single source for storage and dispensation of hydrogen with metal hydride and a method thereof.

60/MAS/2003 British American tobacco (Investments) limited, Globe house, 1 water street, London WC2R 3LA, England, Smoking articles.

61/MAS/2003 Mr. S. Sundaresan, Old No. 4/303, New No. 4/367, College Road, Tahsildar Nagar, Madurai - 625020, A pesticide based on natural flora and fauna for agricultural/ Horticultural use.

**21, January, 2003**

62/MAS/2003 Dr. Reddy's Laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, Process for the preparation of crystalline form of 3 - [2-[4-(6-fluoro - 1,

2 - benzisoxazol - 3 - yl) - 1 - piperidinyl]ethyl] - 6, 7, 8, 9 - tetrahydro -  
2 - methyl - 4H - pyrido[1, 2 - a] pyrimidin - 4 - one (Risperidone) .

**23, January, 2003**

63/MAS/2003 Ittiam Systems Private Limited, 4th and 5th Floor, Consulate 1, No.1  
Richmond Road, Bangalore - 560 025., Method and apparatus for  
processing video signals..

64/MAS/2003 Ittiam Systems Private Limited, 4th and 5th Floor, Consulate 1, No.1  
Richmond Road, Bangalore - 560 025., Transform based perceptual  
audio coders employing improved quantization scheme..

65/MAS/2003 SUMITOMO CHEMICAL COMPANY LTD., JAPAN, Production  
method of an ether compound..

**24, January, 2003**

66/MAS/2003 TVS Motor company limited, Jayalakshmi estates, No. 8, Haddows  
Road, Chennai - 600006, A sub frame assembly for the main frame of a  
scooter type motor vehicle.

67/MAS/2003 TVS Motor company limited, Jayalakshmi estates, No. 8, Haddows  
Road, Chennai - 600006, A toggle link device for mounting the engine of  
a scooter type vehicle on the frame assembly.

68/MAS/2003 M/S. Speech and software technologies (I) pvt. ltd., 3rd Floor, Ceebros  
arcade, nno. 1, 3rd cross road, Kasthuribai Nagar, Advar, Chennai -

600020, Hellonet system architecture.

27, January, 2003

69/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016,  
Process for the preparation of highly pure trans 3-ethyl-2, 5-dihydro-4-  
methyl-N-[2-[4-[[[(4-methylcyclohexyl)  
amino]carbonyl]amino]sulfonyl]]phenyl]ethyl]-2-oxo-1H-Pyrrole-1-  
carboxamide(Glimerpiride)..

70/MAS/2003 M/s. Asiaonwheels Network Ltd., H.No.456, Door No.6-3-903/A/8,  
Street No.10, Somajiguda, Hyderabad - 082, A.P., Trackers.

71/MAS/2003 Shri. Pathapati Suresh, S/o.P.C. Subba Raju, C/o. Calyx Biotech Ltd.,  
263/3, 3rd Floor, Tirumala Manas, S.R. Nagar Main Road., Hyderabad -  
38, Andhrapradesh, Calyx biotech ayurvedic products.

28, January, 2003

72/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016,  
Novel Amorphous form of 2-n-butyl-4-chloro-5-hydroxymethyl-1-[[2'-  
(1H-tetrazol-5-yl)biphenyl-4-yl]]methyl]imidazole potassium salt  
(Losartan potassium)..

73/MAS/2003 Carl Zeiss-Stiftung Trading As Schott Glas, Germany., Alkaline-Earth  
Aluminosilicate Glass for lamp bulbs..

29, January, 2003

74/MAS/2003 Degussa Ag, Germany., Room temperature crosslinking, one component silicone rubber formulations with hydrophobic silicas..

75/MAS/2003 TVS Motor Company Limited, Jayalakshmi Estates, 8 Haddows Road, Chennai - 600 006., A front panel assembly mounting member for a scooter type of motor vehicle..

76/MAS/2003 TVS Motor Company Limited, Jayalakshmi Estates, 8 Haddows Road, Chennai - 600 006., A storage container for a scooter type motor vehicle..

30, January, 2003

77/MAS/2003 Dr. Reddy's Laboratories Ltd, 7-1-27, Ameerpet, Hyderabad - 500 016., Novel polymorphic forms of a-Hydroxy aryl propionic acid derivative: process for their preparation and pharmaceutical compositions containing them..

78/MAS/2003 Shri.S.Sriram, H 86 "Shree Anugraha", Housing Board Colony II, Perumalpuram, Tirunelveli, Tamil Nadu - 627 007., Mosquito control by attraction and electrocution..

79/MAS/2003 Shri.Noby E.A., Eralil (H), L.P.S. Road, Palarivattom, Cochin - 25, Kerala., WAN BIT DATABASE PROXY..

80/MAS/2003 Avestha Gengraine Technologies Pvt. Ltd., 'Sunbeam' 106 Prenderghast Road, Secunderabad - 500 003, Andhra Pradesh., A process for constructing DNA based molecular marker for enabling selection of draught and diseases resistance germplasm screening..

- 81/MAS/2003 Avestha Gengraine Technologies Pvt. Ltd., 'Sunbeam' 106 Prenderghast Road, Secunderabad - 500 003, Andhra Pradesh., A process for generating genetically modified pearl millet through agrobacterium and biolistic transformation..
- 82/MAS/2003 Staubli Faverges, France., Quick connection for the removable join of two pipes..
- 83/MAS/2003 Lucent Technologies Inc., USA., A method and apparatus for use in a CDMA system..

**31,January,2003**

- 84/MAS/2003 M/s. HBL Nife Power Systems Limited, 8-2-601, Road No.10, Banjara Hills, Hyderabad - 500 034., Container for improved joint strength and thermal management for VRLA batteries..
- 85/MAS/2003 M/s. HBL Nife Power Systems Limited, 8-2-601, Road No.10, Banjara Hills, Hyderabad - 500 034., Prevention for electrolyte seepage through the terminal post of valve regulated lead acid battery..

**3,February,2003**

- 86/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560 012., Gas flow sensor and electric energy generation from gas flow..

- 87/MAS/2003 M/s. True Pack Pvt. Ltd., No.485, 13th Cross, 4th Phase, Peenya Industrial Area, Bangalore - 560 058., Leak proof seal for container..
- 88/MAS/2003 Shri.M.Karuppiah, Process Nagar, Kovaipudur - 641 042, Coimbatore., Coconut fibre peeling machine..
- 89/MAS/2003 Mr. Karupiah P., Subramaiyar Street, Gomathi Lathe Works, Vathirairuppu (P.O.), Virudunagar District, Tamil Nadu 626 117., Coconut harvesting device..
- 90/MAS/2003 Sumitomo Metal Industries Ltd., Japan and another., Duplex stainless steel for urea manufacturing plants..

**4,February,2003**

- 91/MAS/2003 Shri. B.Lanka Santha, 365, Toccoa Place, Jonesboro, GA 30236, USA., Self anchoring fiber block system for shoreline and waterway bank restoration..
- 92/MAS/2003 Shri. Pidaparathi Venkata Ramanna, Flat No.102, Malathi Towers, Krishna Nagar, Maharani-peta, VSP-2, Dust preventive treatment for air conditioned rooms and clean rooms..
- 93/MAS/2003 Terumo Penpol Limited, T.C.9/1323, Sasthamangalam, Trivandrum - 695 010., A new formulation for intravenous lipid emulsion..
- 94/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016, Novel Crystalline form of [2-[4-[(4-chlorophenyl)-phenyl methyl]-1-piperazinyl] ethoxy] acetic acid (cetirizine) and process for the

preparation thereof..

- 95/MAS/2003 Patil Pfleiderer Ballastless track systems Pvt. Ltd., Secunderabad., Rheda  
2000 ballastless track system with bi-block sleeper..

5,February,2003

- 96/MAS/2003 Shri. L. Pandiyarajan Pillai, New No.1, Old No.13, Karnan Street,  
Mugappair West, Chennai - 58., Magnetic Motor..

- 97/MAS/2003 Shri. Makannavar Anil Kumar S., Mandiganal Road, Opp. Siddappa  
Temple, Gudgeri P.O., Kundagol Taluk, Dharwad, Karnataka., Shri.  
Makannavar Anil Kumar S., Mandiganal Road, Opp. Siddappa Temple,  
Gudgeri P.O., Kundagol Taluk, Dharwad, Karnataka..

- 98/MAS/2003 Shri. Jacob George Thadicaren, Thadicaren House, Edathuruthy P.O.,  
Pin - 680 703., Process of stitching instant wear sarees..

- 99/MAS/2003 S. Anand and S.Sathiavageeswaran of B-4, Kalpatharu Apartments, 9,  
Bhagath Singh Street, Puzuthivakkam, Chennai - 600 091., C-Zone  
insulative paints and coatings manufacturing process..

- 100/MAS/2003 S. Anand and S.Sathiavageeswaran of B-4, Kalpatharu Apartments, 9,  
Bhagath Singh Street, Puzuthivakkam, Chennai - 600 091., S. Anand and  
S.Sathiavageeswaran of B-4, Kalpatharu Apartments, 9, Bhagath Singh  
Street, Puzuthivakkam, Chennai - 600 091..

- 101/MAS/2003 GNC Galileo S.A., AV. GRAL. PAZ 265 (1674)-SEANZ PENA-  
PROVINCIA DE BUENOS AIRES. ARGENTINA.. System for the

storage, transportation and supply of compressed natural gas..

102/MAS/2003 Dr. Shaam P. Sundhar, No.2048, "ASHWINI", 19th Main, 2nd Cross,  
Rajajinagar, Bangalore - 560 010., Kool komfort - micro airconditioned  
sleeping cabin..

103/MAS/2003 Electronics Research and Development Centre of India, Vellayambalam,  
Thiruvananthapuram., A combined traction-steering mechanism for a  
vehicle..

**6,February,2003**

104/MAS/2003 M/s. Odyssey Technologies Limited, A2, V Floor, Parsn Manere, 602,  
Anna Salai, Chennai - 6., Odyssey secure digital ID..

105/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016,  
Process for the preparation of crystalline Form-II of 2-methyl-4-(4-  
methyl-1-piperazinyl)-10H-thieno[2,3-b][1,5] benzodiazepine  
(olanzapine)..

106/MAS/2003 Shri. Avudainayagam Subbiah, Plot No.28, Vasant Nagar, Kukkatpally,  
Hyderabad - 500 072., A new type of flying machine..

107/MAS/2003 Denso Corporation, Japan., Operating condition determination apparatus  
for internal combustion engines..

**7,February,2003**

108/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016,  
New anticancer compounds: Process for their preparation and

pharmaceutical compositions containing them..

109/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016,  
Novel anticancer compounds: Process for their preparation and  
pharmaceutical compositions containing them..

110/MAS/2003 Indian Space Research Organisation, Bangalore., A room temperature  
curable flame retardant composition..

111/MAS/2003 Kansai Paint Co. Ltd., Japan, Cationic electrodeposition coating  
compositions..

112/MAS/2003 ORCHID CHEMICALS & PHARMACEUTICALS LTD., 1, 6TH  
FLOOR, CROWN COURT, 34, CATHEDRAL ROAD, CHENNAI - 34,  
Herbal Composition.

10, February, 2003

113/MAS/2003 Shri. Vijay Natraj, C/o. Mr. C.S.Swaminathan, 7, Selvarangaraja Street,  
Near Nexus Computers, Saidapet, Chennai - 15., Corrosion inhibitor  
compound for boilers: VN-CIC-101.

114/MAS/2003 Tropical Botanic Garden and Research Institute, Karimancode P.O.,  
Pacha - Palode, Thiruvananthapuram - 695 562., A process for  
preparation of Mushroom wine..

115/MAS/2003 R. Dinesh Kumar, 39/95, Pinjala Subramaniam Road, T. Nagar, Chennai  
- 17., Improved process for the preparation of Nizatidine intermediate..

116/MAS/2003 Shri. Prabhakar Nagabhushan, 336, 1-A Main Road, 7th Block West.

Jayanagar, Bangalore - 560 082., Internally - integrated self - cleaning fluid filter..

117/MAS/2003 Robert Bosch GmbH, Germany, Method for representing place names, information carrier and navigation device for that purpose..

118/MAS/2003 India Nippon Electricals Limited, Hosur-Thali Road, Uliveeranapalli, Hosur - 635 114 ., A DC power supply circuit for the control unit of a capacitive discharge ignition unit..

**11,February,2003**

119/MAS/2003 Kabushiki Kaisha Atlus., Japan, An automatic photographing apparatus.

120/MAS/2003 Maschinenfabrik Rieter Ag., Switzerland, Textile processing machine with a fibre conveying channel and a fibre-guiding surface.

121/MAS/2003 Vitt Wolfagang., Germany, A system to purify water by UV - Radiation.

122/MAS/2003 Ajit George, Chennai, , An apparatus for massaging parts of human body.

**13,February,2003**

123/MAS/2003 S. ANAND AND S. SATHIAVAGEESWARAN., CHENNAI-91, Moneysaver IC engines fuel efficiency booster manufacturing process.

124/MAS/2003 Shri.Bhaskaran, Sajan Kalarikkal. Kalarikkal House, Koratty East P.O. Trissur Dt., Kerala-680308, Hi-Speed Precision tube/cone/ Y-cone winding machine.

125/MAS/2003 D. Venkatachalam, 'Visesh', Plot No.16, Arumugam Nagar, IIT Colony, Narayanapuram, P.O. Pallikaranai, Chennai-601 302, Alpha Genie.

126/MAS/2003 Mr. K. Ramu and Ms. Lavanya., New No.10, OldNo.26 C, Melony Road, T.Nagar, Chennai-17, Process for preparation of low glycemic sweets.

127/MAS/2003 Mr. Krishnan Ramu, 6-G., Century Plaza, 560-562, Anna Salai, Teynampet, Chennai-18, Composition and method for preparing water insoluble metal amino acid chelate hydroxies free of interfering ions.

**14,February,2003**

128/MAS/2003 Maschinenfabrik Rieter Ag., Switzerland, Device for adjusting the ecartement.

129/MAS/2003 Dr. A.V.R. Narayanan, Cauvery Electronics Consultants, 151, (old no.83), V.S.M. Garden Street., Jafferkhanpet, Chennai-83, Power saver stabiliser for air conditioners.

**17,February,2003**

130/MAS/2003 AT & t Corp., 32 avenue of the Americas, New York 10013 - 2412, USA, Audio signal processing using improved perceptual model.

AT & t Corp., 32 avenue of the Americas, New York 10013 - 2412,  
131/MAS/2003 USA, Automatic router configuration based on traffic and service level agreements.

Dr. Ramadoss Nagarajan & others, 447, 5th street, W Block, annanagar  
132/MAS/2003 west extension, Chennai - 600101, Closed circuit cardio pulmonary bypass ventilator.

Indian institute of technology , IIT P.O., Chennai - 600036, An extrusion honing composition.  
133/MAS/2003

**18,February,2003**

Registrar, Indian Institute of Science, Bangalore - 560012, A novel  
134/MAS/2003 process and apparatus for the manufacture of precipitated silica from rice husk ash.

**19,February,2003**

Carl Freudenberg KG, 69469, Weinheim, Germany, Valve - stem seal  
135/MAS/2003 for an internal combustion engine.

**20,February,2003**

S. Thyagarajan, S/O. K. Sankaran, Mudhra Pressings Private Limited,  
136/MAS/2003 28/2, Musiri Subramaniam Road, Mylapore, Chennai - 600004, Mudhra

grip technology.  
137/MAS/2003 Dr. Reddy's Laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050,  
Controlled release compositions of cyclooxygenase - 2 inhibitor.

138/MAS/2003 Chlorine engineers corp., ltd., Tomiokabashi Bldg, 6 - 11, Fukagwa 2 -  
chome, kotoh - ku, Tokyo 135 - 0033, Japan, Ion exchange membrane  
electrolyzer.

139/MAS/2003 YKK Corporation, 1, Kandaizumi - cho, chiyoda - ku, Tokyo, Japan,  
Thread breakage preventing apparatus and yarn processing machine  
having thread breakage preventing units.

**21, February, 2003**

140/MAS/2003 Ms. Tatimakula Bhargavi, D/O. E. Ranga Reddy, Chalimamidi (P&V),  
B. Kothakota (MD), Madanapalli (SO), Chittoor (Dt.) A.P. - 517370,  
Seelam converter.

141/MAS/2003 Abraham Ebenezeer Muthunayagam, 2/F1B West Luthern Street,  
Nagercoil, Tamilnadu - 629001, A process, system and design for  
desalination of sea water .

142/MAS/2003 Mr. A. Rajendra Babu, S/O. Mr. M. Arumugam, No. 1/21, 97th street,  
15th sector, K.K. Nagar, Chennai - 600078, Mobile wind energy system  
with automatic battery recharging by using the windfans - replacing the  
fuel system in automobiles.

**24, February, 2003**

143/MAS/2003 M/S. Orange Consumer Services Pvt. Ltd., Plot No. 21, Kamalapuri  
Colony Extension, Srinagar Colony, Punjagutta, Hyderabad - 500873, A  
product, which is a orange smart card.

144/MAS/2003 Mr. K. Subramaniam, 68, Rajaji Road, Ram Nagar, Coimbatore - 641009, Silencer.

145/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, A method and device for cleaning the removal zone on a carder/ carding machine.

146/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, Calender rollers for supplying a lap sheet.

**25, February, 2003**

147/MAS/2003 Central sericultural research & training institute, Mysore - 570008, Torch.

148/MAS/2003 Carl Freudenberg KG, D - 69469, Weinheim, Germany, Valve - stem seal for an internal combustion engines.

149/MAS/2003 International waste industries limited, 2 & 3, Church street, Beckley, Middlesex OX 3 9UT, United Kingdom, Method and apparatus for processing solid organic waste.

150/MAS/2003 Ciba speciality chemicals holding inc., Switzerland, Synergistic combinations of UV absorbers for pigmented polyolefins.

**26, February, 2003**

151/MAS/2003 M/S. Orchid chemicals & pharmaceuticals ltd., 1, 6th floor, Crown court, 128, Cathedral Road, Chennai - 600086, An improved process for the preparation of trans - RESVERATROL.

- 152/MAS/2003 M/S. Orchid chemicals & pharmaceuticals ltd., 1, 6th floor, Crown court, 128, Cathedral Road, Chennai - 600086, Novel amorphous hydrate of a cephalosporin antibiotic and a proces for its preparation.

27,February,2003

- 153/MAS/2003 Mr. Mamballikalathil Jayagovind Menon, Polymax Engineering Company, B - 21, Industrial Estate, Guindy, Chennai - 600032, Flexible springback container assembly with closing means.

- 154/MAS/2003 Mr Abey M. Jose, Malapravanal House, Marangattupilly P.O., Kottayam Dist., Kerala - 686635, A process to develop picturesque designs using water as the medium.

- 155/MAS/2003 F. Hoffmann - La Roche AG, Switzerland, Improved method for growing mammalian cells in vitro.

28,February,2003

- 156/MAS/2003 Dr. Reddy's Laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, Novel crystalline form - Z of 2-[[[4--(3-methoxypropoxy)- 3 - methyl- 2 - pyridinyl] - methyl] - sulfinyl] - 1H - benzimidazole sodium and process for the preparation there of (Raberprazole sodium).

- 157/MAS/2003 Shimano INC., 77, Oimatsu - cho, 3 - cho, sakai - shi, Osaka 590, Japan, Shift operating apparatus for a bicycle.

158/MAS/2003 Shimano Inc., 77, Oimatsu - cho, 3 - cho, sakai - shi, Osaka 590, Japan,  
Bicycle rear derailleur.

159/MAS/2003 NTT DoCoMo, Inc., 11 - 1, Nagatacho 2 - chome, chiyoda - ku, Tokyo,  
Japan, Wireless communication system for multi - hop connection,  
source station, radio station and pilot signal used therein.

**3, March, 2003**

160/MAS/2003 P.L. Narasimhan, Vice President - R & D, M/S. Lakshmi Machine  
Works Limited Perianaickenpalayam, Coimbatore - 641020 , An  
apparatus and method for processing fibre material in a carding machine.

161/MAS/2003 Mr.Ramakrishnan Thiruvalluvan, No. 22, Justice Ramakrishnan Street,  
Off Karaneeswarar Koil Street, Mylapore, Chennai - 600004, Pipe -  
tubelight fixtures.

162/MAS/2003 Mr.Ramakrishnan Thiruvalluvan, No. 22, Justice Ramakrishnan Street,  
Off Karaneeswarar Koil Street, Mylapore, Chennai - 600004, Decorative  
tube light fixtures.

163/MAS/2003 Mr.Ramakrishnan Thiruvalluvan, No. 22, Justice Ramakrishnan Street,  
Off Karaneeswarar Koil Street, Mylapore, Chennai - 600004, Compact  
tubelight fixtures.

164/MAS/2003 Mr.Ramakrishnan Thiruvalluvan, No. 22, Justice Ramakrishnan Street,  
Off Karaneeswarar Koil Street, Mylapore, Chennai - 600004, Two - in -  
one tubelight fixtures.

- 165/MAS/2003 M/S. Natco Pharma Ltd., NATCO House, Road No. 2, Banjara Hills, Hyderabad - 500033, An improved stable pharmaceutical formulation containing aspirin and a process for its preparation.
- 166/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500050, Novel stable composition containing esomeprazole magnesium and process for its preparation.
- 167/MAS/2003 Mr. K. Ramachandralu, Professor, Department of Textile technology, P.S.G. College of technology, Coimbatore - 641004, Single or multiple airjet nozzle system for rotor spinning machine resulting in compacting of rotor spun yarn.
- 168/MAS/2003 Mr. K. Ramachandralu, Professor, Department of Textile technology, P.S.G. College of technology, Coimbatore - 641004, Single or multiple airjet nozzle system for ring spinning machine resulting in compacting of ring spun yarn.
- 169/MAS/2003 Arjuna Natural Extracts Ltd., P.B. No. 126, Bank Road, Alwaye, Kerala - 683101, A process and technique to elevate serum high density lipoprotein.
- 170/MAS/2003 Mrs. Josyula. Veerabhadravathi, 27/113, Balijepalliavari street, Kappala, Venkanna Centre Tanuku (Andhra State) - 534211, Clothes washing machine.
- 171/MAS/2003 Mrs. Josyula. Veerabhadravathi, 27/113, Balijepalliavari street, Kappala, Venkanna Centre Tanuku (Andhra State) - 534211, Vessel washing machine.

4, March, 2003

172/MAS/2003 M/S. Ashirvad pipes private limited, No. 4 - B, Attibele Industrial Area, Hosur Road, Bangalore - 562107, Wire lock system.

173/MAS/2003 Aspinwall & Company (Travancore) limited, Post Box No. 5, Alleppey - 688001, Coir mats.

174/MAS/2003 ABB Schweiz AG, Brown boveri strasse 6, CH - 5400 Baden, Switzerland, Power distributor network.

5, March, 2003

175/MAS/2003 Mr. Babu Joseph, Chittinapilly, Karukutty - 683576, Ernakulam dt., Kerala, Cook 'N' auto off.

176/MAS/2003 Mr. Babu Joseph, Chittinapilly, Karukutty - 683576, Ernakulam dt., Kerala, BABBL - Babu automobile brake and brakeless lock.

177/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, A novel process for the preparation of N - (trans - 4 - isopropylcyclohexyl carbonyl) - D - Phenyl alanine (Nateglinide).

6, March, 2003

178/MAS/2003 Ms. Sujatha Shekar Ramachandran W/O. Capt. P. Shekar Ramachandran, D/O. Mr. M.O. Narayan, AI - 72, 5th Street, Anna Nagar, Chennai - 600040, Bala kalpa.

- 179/MAS/2003 Mr. Kodamkandath Ukkuru Varunny, IV/330, Manalur, Trichur district, Kerala - 680617, Automatic clutch cum instant torque adjuster.
- 180/MAS/2003 Dana corporation, 3222 west central avenue, Toledo, Ohio, USA, Yoke structure that is adapted to be secured to a tube using magnetic pulsewelding techniques.
- 181/MAS/2003 Dana corporation, 3222 west central avenue, Toledo, Ohio, USA, Apparatus for securing a yoke to a tube using magnetic pulse welding techniques.
- 182/MAS/2003 Ticona GmbH, D - 65451, Kelsterbach, Germany, Compositions comprising elastomers and high - molecular - weight polyethylenes with irregular particle shape, process for their preparation and their use.
- 183/MAS/2003 Maschinenfabrik rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, Spinning frame.
- 184/MAS/2003 Lucas - TVS limited, padi, Chennai - 600050, An integral starter generator system for an automobile.
- 185/MAS/2003 Mr. G.R.C. Rajan, 1, 1st Cross Street, Ramappa Nagar, Perungudi, Chennai - 600096, Mobile observation post.

7, March, 2003

- 86/MAS/2003 Mr. K.C. Kuriakose, (Karshakasree), Cheerakuzhy Young Bud Rubber Nursery, Kuriachirayil House, Post Kottappuram, Sreekrishnapuram, Palakkad, Kerala - 679518, Cheerakuzhy young bud poly bag plants.

- 187/MAS/2003 Indian Institute of Science, Bangalore - 560012, A low decoding complexity system for two antenna transmitters.
- 188/MAS/2003 Dr. C. Dayakar Reddy, 3 - 6 - 287, Hyderguda, Hyderabad - 500029, Corrective measures in asymptomatic population and also in population having risk factors and known or unknown diseases.
- 189/MAS/2003 Mitsui Chemicals Inc., 2 - 5 Kasumigaseki 3 - chome, Chiyoda - Ku, Tokyo, Japan, A control apparatus for a polyolefine resin production plant.
- 190/MAS/2003 Laurel Herbal Products, No. 3, Bajanai Koil Street, Velacherry, Chennai - 600042, Herbolina - Spirulina.

10, March, 2003

- 191/MAS/2003 Mr. R. Maheshwaran, No. 13, 1st Cross Street, L.I.C. Colony, Pammal, Chennai - 600075, Cooking gas stove "flame confiner" (Optimum utilizer) cum burner protector.
- 192/MAS/2003 M/S. HBL NIFE Power Systems Ltd., 8 - 2 - 601, Road No. 10, Banjara Hills, Hyderabad - 500034, Frequency modulated pulse width fuze.
- 193/MAS/2003 The Central Institute of Coir Technology, Coir Board, Kochi - 682016, A process for the preparation of coir composite board.

- 194/MAS/2003 TVS Motor company limited, Jayalakshmi estates, No. 8, Haddows Road, Chennai - 600006, Front fork outer tube of motorcycle and a method of manufacture thereof.
- 195/MAS/2003 Indian Institute of Technology, IIT, P.O., Chennai - 600036, Scratch resistant coated plastic ophthalmic lenses.
- 196/MAS/2003 Dana corporation, 3222 West Central Avenue, Toledo, Ohio, USA, Method for securing a yoke to a tube using magnetic pulse welding techniques.
- 197/MAS/2003 Indian Space Research Organisation, ISRO Headquarters, Department of Space, Antariksh Bhavan, New Bel Road, Bangalore - 560094, A breach mechanism for conducting simulating tests for bird hit on aircraft.
- 198/MAS/2003 Mr. S. Ramalingam & others, 19, M.P. Koil Street, Bhuvanagiri - 608601, Binding strip with pins that replaces all types of stitching works in notebook/ book binding also it facilitates detachment and replacement of any portion of the note book/ book in bunches.

**11, March, 2003**

- 199/MAS/2003 Jawaharlal Nehru Centre for advanced scientific Research, Molecular Biology and Genetics Unit, Jakkur, P.O. Box 6436, Bangalore - 560 064., A novel composition to be used in the field of molecular biology..

**12, March, 2003**

- 200/MAS/2003 Mr. Pauline Joseph, Bhavanalayam, Kaikulangara West, Kollam - 691013, Three phase auto power restorer and controler .

- 201/MAS/2003 Mr. Pauline Joseph, Bhavanalayam, Kaikulangara West, Kollam - 691013, 11Kv automatic feeder selector cum controller.
- 202/MAS/2003 Dr. P. Khadgapathi, Director - Technical Services, M/S. Natco Pharma Limited, NATCO HOUSE, Road No. 2, Banjara Hills, Hyderabad - 500033, An improved and novel process for the preparation of N - Methyl - 1 - naphthalenemethanamine.
- 203/MAS/2003 Lindauer dornier GmbH, Rickenbacher Str., 119, 88129 Lindau, Germany, Magnetically supported circular spreader for treating tubular textile goods.
- 204/MAS/2003 Nissin Kogyo Co., Ltd., 840, Ohaza Kokubu, Ueda - Shi, Nagano - ken, Japan, Reduction casting method.
- 205/MAS/2003 Nissin Kogyo Co., Ltd., 840, Ohaza Kokubu, Ueda - Shi, Nagano - ken, Japan, Reduction casting method.
- 206/MAS/2003 Design and manufacturing solutions inc, 6129, Savoy Circle, Lutz, Florida 33549, USA, Tuned damping system for suppressing vibrations during machines.

13, March, 2003

- 207/MAS/2003 Asea brown boveri limited, 2nd floor, Khanija bhavan, No. 49, Race course road, Bangalore - 560001, Dynamic reactive power compensator.
- 208/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel crystalline form - IV of 2 - n - butyl - 4 - chloro - 5 - hydroxymethyl - 1 - [[2 - (1H - Tetrazol - 5 - yl) - biphenyl - 4 - yl] methyl] imidazole potassium (Losartan Potassium) and process for the preparation thereof.

- 209/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, An improved process for the preparation of form - A of the sodium salt of 5 - methoxy - 2 - [[[4 - methoxy - 3, 5 - dimethyl - 2 - pyridinyl) methyl] sulfinyl] - 1H - benzimidazole. (Omeprazole sodium).
- 210/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, An improved process for the preparation of substantially pure 4 - [2 -(3-ethyl - 4 - methyl - 2 - oxo - 3 - pyrroline - 1 - carboxamido) - ethyl] benzene sulfonamide (A key intermediate of Glimepiride).
- 211/MAS/2003 Carl Zeiss - Stiftung trading As SCHOTT GLAS, Hattenbergstrasse 10, 55122 Mainz, Germany, Collector module.
- 212/MAS/2003 Haldor topsoe A/S, Nymollevej 55, Dk - 2800 Kgs. Lyngby, Denmark, Ammonia recovery from purge gas.
- 213/MAS/2003 Qualcomm incorporated, 6455, Lusk Boulevard, San Diego, California 92121, USA, An apparatus for selecting an encoding rate of a predetermined set of encoding rates for encoding a frame of speech including a plurality of speech frames.
- 214/MAS/2003 Qualcomm incorporated, 6455, Lusk Boulevard, San Diego, California 92121, USA, A method and an encoding rate determination apparatus in a speech coder for encoding a speech frame.
- 215/MAS/2003 Qualcomm incorporated, 6455, Lusk Boulevard, San Diego, California 92121, USA, An apparatus for adjusting the average data rate of a variable rate encoder.

Qualcomm incorporated, 6455, Lusk Boulevard, San Diego, California  
216/MAS/2003 92121, USA, A method and an apparatus for adding an hangover frames  
to a plurality of frames encoded by a vocoder.

Mrs. S. Malathy Propertrix of Mechtronics, 244, Lenin Street  
217/MAS/2003 Pondicherry - 605013, Semi/ auto/ manual vertical/ horizontal pump for  
form fill seal machine for pickles and pickles related products.

17, March, 2003

Mr. Eswarapu Balakrishna, S/O. E. Rajagopal, Plot No. 73/1, Sri Sai  
218/MAS/2003 Baba Officer's Colony, Sainikpuri Post, Secunderabad - 500094, Shifting  
of gears using vacuum energy of the engine by pressing a button/ lever in  
two and three wheeler vehciles having gear system.

M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown  
219/MAS/2003 Court, 34, Cathedral Road, Chennai - 600086, An improved process for  
the preparation of cefuroxime sodium.

M/S. Thiagarajar College of Engineering, Tirupparankunram, madurai -  
220/MAS/2003 625015, A novel composition of waste polymer - Aggregate (Metal)  
blend.

Venkata Varathan Rangarajan Chakravarthy, "Prajwal Shruti", Plot No.  
221/MAS/2003 581, Flat "A", Ground Floor, Alagirisamy Salai, K.K. Nagar, Chennai -  
600078, Rangan wagon.

18, March, 2003

Indian Institute of Technology, IIT P.O., Chennai - 600036, A  
222/MAS/2003 nanocomposite for harnessing solar energy and a process for the  
manufacture thereof.

- 223/MAS/2003 Indian Institute of Technology, IIT P.O., Chennai - 600036, Electrically conducting coated kapton film.

**19, March, 2003**

- 224/MAS/2003 Suven pharmaceuticals ltd., Serene Chambers, Road No. 7, Banjara Hills, Hyderabad - 500034, A process to prepare indolymaleimides.

- 225/MAS/2003 M/S. Aurobindo Pharma Limited, Plot No. 2, Maitrivihar complex (Regd. Office), Ameerpet, Hyderabad - 500038, Preparation of pure citalopram.

- 226/MAS/2003 Mr. Krishnan Ramu, 6G, Century Plaza, 560 - 562, Anna Salai, Teynampet, Chennai - 600018, Manufacture of aminoacid vitamin chelate.

- 227/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, tunnel cladding.

- 228/MAS/2003 Ciba speciality chemicals holding inc., Klybeckstrasse 141, CH - 4057, Basel, Switzerland, New compounds, a process for their preparation and their use as dyes and pigments.

- 229/MAS/2003 Ciba speciality chemicals holding inc., Klybeckstrasse 141, CH - 4057, Basel, Switzerland, New compounds, a process for their preparation and their use as dyes and pigments.

- 230/MAS/2003 Upasi tea research foundation, An Indian Institute of Tea Research Institute, Nirar Dam BPO, Valparai - 642127, A process for producing decaffeinated high purity polyphenols from green tea leaves.

20, March, 2003

- 231/MAS/2003 Dr. D. Janardhana Reddy, No. 128, Yamuna Street, Palaniappa Nagar, Valasaravakkam, Chennai - 600087, Stem borer killer.
- 232/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA, Integral generator/ pinion assembly for axle power generation.
- 233/MAS/2003 Infineon technologies AG, St. Martin - Str. 53, 81669, Munchen, Germany, Calculation circuit for calculating a sampling phase error.
- 234/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086, Chemical synthesis of S - Adenosyl - L - Methionine.
- 235/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086, A process for the preparation of cephalosporins.
- 236/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086, An improved process for the preparation of cefoxitin.

21, March, 2003

- 237/MAS/2003 M/S. Uma Leather Pvt., Ltd., 7, Pillaiyar Koil Street, Krishna Nagar, Pammal, Chennai - 600075, A process of manufacturing by upgradation of Indian buffalo wet blue leather to value added leather product and a system to execute the said process.

238/MAS/2003 eSYMMETRYx Technologies Pvt. Ltd., 70, Tuscan Center, Infantry Road, Bangalore - 560001, A system for interactive and contextual computing and a method thereof.

239/MAS/2003 PREUSSE INNOVATIONS, Germany, An engine charger its manufacture and process for enhanced power transmission.

240/MAS/2003 Siemens Building technologies AG, Bellerivestrasse 36, CH - 8034, Zurich, Switzerland, Optical smoke alarm based on the extinction principle and use of the said alarm.

**24, March, 2003**

241/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012, Robo puppet.

242/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086, An improved process for the preparation of crystalline cephalosporin.

243/MAS/2003 Indian Institute of Science, Bangalore - 560012, A miniature heated stage for surface force apparatus.

244/MAS/2003 Mr. Rajagopalan Venkatakrishnan, B - 44 (New No: B - 11), Anna Nagar East, Chennai - 600102, Methionine+++ with a process of proportionate admixture of portifiers termed as beta methyl modulators.

245/MAS/2003 Carl Freudenberg KG, Hoehnerweg 2 - 4, 69469 Weinheim, Germany, Hydrophilicized separator material.

- 246/MAS/2003 Carl Zeiss - Stiftung trading AS schott glas, Hattenbergstrasse 10, 55122 Mainz, Germany, Process for producing alkali - free aluminosilicate glasses.
- 247/MAS/2003 Kuraray Co Ltd., 1621, Sakazu Kurashiki Shi, Okayama, Japan, Mold - in fastening member and production of molded resin article with fastening member.
- 248/MAS/2003 Indian Institute of Technology, IIT P.O., Chennai - 600036, A grinding wheel and a method of manufacture thereof.
- 249/MAS/2003 TVS Motor company limited, Jayalakshmi Estates, No. 8, Haddows Road, chennai - 600006, A cowl fan for the continuous variable transmission drive system of a motor vehicle.
- 250/MAS/2003 TVS Motor company limited, Jayalakshmi Estates, No. 8, Haddows Road, chennai - 600006, A lubricating system for the engine of a motor vehicle.
- 251/MAS/2003 Venkata Varathan Rangarajan Chakravarthy, "Prajwal Shruti", Plot No. 581, Flat "A", Ground Floor, Alagirisamy Salai, K.K. Nagar, Chennai - 600078, Screw driver.

**25, March, 2003**

- 252/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel crystalline form of [2-[4-[(4 - chlorophenyl) - phenylmethyl] - 1 - piperaziny] ethoxy] acetic acid hydrochloride (Cetirizine monohydrochloride).

253/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel amorphous form of [2-[4-[(4 - chlorophenyl) - phenyl methyl] - 1 - piperazinyl] ethoxy] acetic acid (Cetirizine) and process for the preparation thereof.

254/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel crystalline form - C of 5 - methoxy - 2 - [[(4 - methoxy - 3, 5 - dimethyl - 2 - pyridinyl) methyl] sulfinyl] - 1H - benzimidazole sodium salt (Omeprazole sodium) and a process for preparation there of.

255/MAS/2003 Denso Corporation, 1 - 1 Showa - Cho, Kariya - City, Aichi - Pref, 448 - 8661, Japan, Bearing for fuel pump, method of manufacturing thge s and fuel pump.

256/MAS/2003 Mr. Y.S.R. Venkata Rao., S/O. Sri Y.V.S.S. Murty, R/O F - 5, 3 - 4 - 490/A, Prembagh Apartments, Barkatpura, Hyderabad - 500027, Curcuma pelletisation.

26, March, 2003

257/MAS/2003 LPG Equipment Research Centre, Opp ITI Main Gate, P.B. No. 118, Doorvaninagar, Bangalore , A pneumatically operated valve cleaning and testing machine.

258/MAS/2003 The Registrar , Indian Institute of Science, Bangalore - 560012, A gel casting process for fabrication of ceramics.

259/MAS/2003 The Registrar , Indian Institute of Science, Bangalore - 560012, Process for the fabrication of flyash reinforced metal composites.

27, March, 2003

260/MAS/2003 Mrs. Vinita Sidhartha W/O. Mr. R. Sidhartha, Old No. 12, New No. 23,  
1st Main Road, Indira Nagar, Chennai - 600020, Vanavas.

261/MAS/2003 Rieter Ingolstadt Spinnereimaschinen AG, Friedrich - Ebert - Strasse  
84, 85055 Ingolstadt, Germany, Drawframe for a spinning machine.

262/MAS/2003 Canon Kabushiki Kaisha, 3 - 30 - 2, Shimomaruko, Ohta - Ku, Tokyo ,  
Liquid container with identifying means and method for detecting state  
of mount of liquid container.

263/MAS/2003 TVS Motor company limited, Jayalakshmi Estates, No. 8, Haddows  
Road, chennai - 600006, A constant mesh gearing system for an  
automobile.

28, March, 2003

264/MAS/2003 Mrs. Josyula Veerabhadravathi, 27/113, Balijiepalliavari Street, Kappala,  
Venkanna Centre, Tanuku , A.P. - 534211, A novel method of  
manufacture of carbon bricks.

31, March, 2003

265/MAS/2003 Mr. Padmanabhan Raghunandhan, No. 7, 25th Cross Street, Besant  
Nagar, Chennai - 600090, A system for using telephone number's as for  
emails and for a more efficient search engine.

266/MAS/2003 The Arya Vaidya Pharmacy (Coimbatore) Limited, No. 326, Perumal Koil Street, Ramanathapuram, Coimbatore - 641045, Chyavanaprasham Biscuits - a new concept.

267/MAS/2003 M. Suganthini Priya. S., 501, Regalaya Appartments, Sardhar Vallabhai Patel Road, Tharamani, Chennai - 600113, Ultrasound imaging apparatus.

1. April 2003

268/MAS/2003 Mr. N. Sivaram, 32, South Street No. 4, Avarampalayam, Ganapathi Post, Coimbatore - 641006, Lakzer card tops.

269/MAS/2003 Indian Institute of Science, Bangalore - 560012, Improved base for walking sticks and crutches.

270/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012, Optimal geometric profiles of extrusions for high - strength and effective material utilization resulting low weight.

271/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012, Connector/ joint - female, for fabrication of lightweight aluminium structures employing aluminium extrusions.

272/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012, Steel reinforced connector/ Joint - male for fabrication of frame structures employing aluminium extrusions.

- 273/MAS/2003 The Registrar, Indian Institute of Science, Bangalore - 560012,  
Connector/ joint - male for fabrication of frame structures employing  
aluminium extrusions.
- 274/MAS/2003 Sai Kishore Singh & others, S/O. Krishna Raj Singh, No. 7, Brindavan  
Lay Out, Kadugodi, Whitefield, Bangalore - 560067, A process for  
isolation, purification and estimation of 98 percent pure gymnemic acid  
from GYMNEMA SYLVESTRE Leaves using HPLC.
- 275/MAS/2003 Mr. N. Vijay, Old No. 103, New 190, Annapillai Street, Sowcarpet,  
Chennai - 600079, One - way no - entry and in - out vehicle regulating  
device for public roads and private buildings.
- 276/MAS/2003 Mr. Kadekodi Pravin, CCB No. 444, "Om Sai Niwas", II nd Main Vth  
Cross, Sadashiv Nagar, Belgaum - 590001, Writing instrument cum  
closed book page marker.

2, April, 2003

- 277/MAS/2003 Infosys Technologies Ltd., Hosur Road, Bangalore - 561229, Automated  
method for quantitative measurement of benefits in a plurality of self -  
assessing, knowledge sharing communities.
- 278/MAS/2003 Shasun Chemicals and Drugs Limited, 60, Velachery Road, Chennai -  
600042, Enzymatic resolution of (+) Methyl Trans - 3 - Phenyl  
Glycidate.
- 279/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016,  
Novel crystalline form - VI of donepezil hydrochloride and process for  
the preparation thereof.

- 280/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016, Novel process for the preparation of form - I of (S) - 2 - ethoxy - 4 - [N - (1-(2- piperidine - phenyl) - 3 - methyl - 1 - butyl) - amino carbonyl methyl] benzoic acid ( Repaglinide).
- 281/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016, Novel crystalline form - I of pantoprazole and process for the preparation thereof.
- 282/MAS/2003 Chlorine engineers corp., ltd., Tomiokabashi Bldg, 6 - 11, Fukagwa 2 - chome, Kotoh - Ku, Tokyo 135 - 0033, Japan, Ion exchange membrane electrolyzer.
- 283/MAS/2003 SBL Machinery Co., ltd., No. 68, Min Chuan St., Tuan Li, Shu Lin, Taipei, Taiwan, Improved central drive linkage for cutting and creasing machine.
- 284/MAS/2003 Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad - 500 016, Novel capsule formulations of etoposide for oral use.

3, April, 2003

- 285/MAS/2003 M/S. Polyflex Rubro (P) Ltd., Door No. XVI/1890, Kochupally Road, Kochi - 682005, "Polyflex rubberising system" - A natural rubber based additive for on - site mixing to bitumen, used for rubberisation of roads.
- 286/MAS/2003 Mr. V.V Thangathiruppathy, 33, Olagappa Maistry Street, Chintadripet, Chennai - 600002, The most fuel efficient bottom device for the pressure cookers and for all other non - pressure cooking vessels - with a safely positioned lid handle attachemnt.

287/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA,  
Vehicle driveshaft assembly.

288/MAS/2003 Motor Industries Company Limited, Hosur Road, Adugodi, Bangalore -  
560030, Prefilter with water separator.

**4. April, 2003**

289/MAS/2003 Air products and chemicals inc., 7201, Hamilton Boulevard, Allentown,  
PA 18195 - 1501, USA, Pressure swing adsorption process with  
controlled internal depressurization flow.

290/MAS/2003 Pace Incorporated., 9030, Junction drive, annapolis Junction, Maryland  
20701, USA, Soldering heater cartridge with replaceable tips and  
soldering iron for use therewith.

291/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA,  
Center bearing assembly including a support member containing a  
rheological fluid.

292/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA,  
Center bearing assembly including a support member containing a  
rheological fluid.

293/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA,  
Vehicular driveshaft assembly.

294/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA,  
Method of manufacturing an axially collapsible driveshaft assembly.

7, April, 2003

295/MAS/2003 Mr. Krishna Rao Chnadrasedkaran, C/O. S.V. Ramarao, F2, Guru Kalki Apartments, Old No. 3, New No., 5, 9th street, Nanganallur, Chennai - 600061, A writing/ typing device (Attachment to thumb or finger) to the persons who have lost their writing/ typing finger/ fingers.

296/MAS/2003 Mr. Punchapadath Sukumaran Satheesan, Punchapadath, Ponnurunni - 682019, Float switch.

297/MAS/2003 Innoviti embedded solutions pvt. ltd., 10/2, Victoria Road, Bangalore - 560047, A wireless adaptor as a replacement for a telephone wire.

298/MAS/2003 Mr. C. Raja Reddy, S/O. C. Gangi Reddy, Sri Satadavihar, H. No. 25 ii - 377/1, Chaitanyapuri, Nellore - 524004, A plant that splits a channel of homogeneous solution of an inorganic (IONIC) salt into two channels of complementary strong and weak solutions by ION GUIDING TECHNIQUE.

299/MAS/2003 Mr. Nagarjun Venkateswaran, No. 46B, Mahadevan Street, West Mambalam, Chennai - 600033, A netless processor.

8, April, 2003

300/MAS/2003 Mr. Mogali Natraj, Dr. No. 16 - 2 - 839/4/5/B, L.I.C. Colony, Saidabad, Hyderabad - 500059, High tension spring chains.

301/MAS/2003 M/S. HBL NIFE POWER SYSTEMS LIMITED, 8 - 2 - 601, Road No. 10, Banjara Hills, Hyderabad - 500034, High frequency track circuit - end fed.

302/MAS/2003 M/S. HBL NIFE POWER SYSTEMS LIMITED, 8 - 2 - 601, Road No. 10, Banjara Hills, Hyderabad - 500034, High frequency track circuit - center fed.

303/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA, Tandem axle power divider assembly with inboard slip driveshaft connection.

304/MAS/2003 Syngenta participations AG, Switzerland, Process for the preparation of bicyclic diketone salts.

305/MAS/2003 Syngenta participations AG, Switzerland, Process for the preparation of cyclic diketones.

9 April 2003

306/MAS/2003 Mr. Venkatdas Nagesh Kamat, M/S. Puro Chemicals Laboratories Pvt. Ltd., No. 82, 1st Avenue, Teacher's Colony, Venkatapura, Koramangala, Bangalore - 560034, A composition for repelling Uzi fly and a process to manufacture it.

307/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel process for preparing the cis isomer of Methyl - 1, 2, 3, 4, - tetrahydro - 1 - (3, 4 - methylene dioxy - phenyl) - 9H pyrido - [3, 4 - b] - indole - 3 - carboxylate hydrochloride a key intermediate of Tadalafil.

308/MAS/2003 Dr. Reddy's laboratories ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016,  
Novel crystalline form - II of anhydrous 1 - cyclopropyl - 7 - ([S,S] - 2, 8  
- diazabicyclo - [4.3.0] non - 8 - yl) - 6 - fluoro - 1, 4 - dihydro - 8 -  
methoxy - 4 - oxo - 3 - quinoline carboxylic acid mono hydrochloride.

309/MAS/2003 YKK Corporation, 1 Kanda Izumi - cho, chiyoda - Ku, Tokyo, Japan,  
Metal wire rod for forming slide fastener coupling elements and slide  
fastener coupling element formed from the same metal wire rod.

10, April, 2003

310/MAS/2003 Mr. Talisiri Prabhakar, S/O. Narasimhulu, Saipeta (Post & Village),  
Kavali (H.O.), Nellore District, Andhra Pradesh - 524002, The method  
of generating power.

311/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur,  
Switzerland, Flat end head made of polymer material.

312/MAS/2003 Ciba speciality chemicals holding inc., Klybeckstrasse 141, CH - 4057,  
Basel, Switzerland, Stabilizer mixtures.

313/MAS/2003 Continental pet technologies, Inc., One Seagate toledo OH 43666, USA,  
Graded crystallization of container finishes.

314/MAS/2003 Florencio lazo barra, Fundo Naicura, P O Box 780, Rancagua, Chile, A  
method for thermal pest control.

**11, April, 2003**

315/MAS/2003 Canon Kabushiki Kaisha, 3 - 30 - 2, Shimomaruko, Ohta - ku, Tokyo, Japan, Printing apparatus, information processing apparatus, control method for them, and program.

316/MAS/2003 Sumitomo Electric Industries, Ltd., 5 - 33, Kitahama, 4 - chome, chuo - Ku, Osaka - shi, Osaka, Japan, Computer program product for accessing database recording medium recording database access program therein, and database access method.

317/MAS/2003 Amsted industries incorporated, 44th floor, Boulevard Towers South, 205 North Michigan Avenue, Chicago, Illinois - 60601, USA, Boring riser holes in a graphite mold.

**16, April, 2003**

318/MAS/2003 M/S. Orchid chemicals & pharmaceuticals ltd., 1, 6th floor, Crown court, 128, Cathedral Road, Chennai - 600086, Treatment of bronchial asthma using 5 - HT3 receptor antagonists.

319/MAS/2003 Mr. E. Sekhar, Pl. No. 27 - 28, Agathiyar Koattum, Poothurai Road, (North of Kalki temple), Dharmapuri, Pondicherry - 605009, Overhead electrical service wire holders.

320/MAS/2003 Mr. K. Devaraj, No. 7, Cholan Street, Devaraj Nagar, Anagaputthur & Post, Chennai - 600070, Herbal water treatment method for prosperity of biological.

321/MAS/2003 H.R. Technologies, Inc., 6570, 19 Mile Road, Sterling Heights, Michigan 48314, USA, Chopped glass strand mat and method of producing same.

322/MAS/2003 E.I.D. Parry (India) Ltd., Bio - Products Division, "Dare House", 234, N.S.C. Bose Road, Chennai - 600001, A process for manufacturing antioxidants from sugar cand and beet.

**17, April, 2003**

323/MAS/2003 Mr. Ashrafunissa, R/O. 10 - 1 - 128/1/1/A, Masab Tank, Hyderabad - 500028, Efficient and durable air/ gas heater.

324/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, Method for the manufacture of air guiding components.

325/MAS/2003 Oxeno Olefinchemie Gmbh, D - 45764 Marl, Kreis Recklinghausen, Germany, Isononyl benzoates and their use.

326/MAS/2003 TVS Motor company limited, Jayalakshmi Estates, No. 8, Paddows Road, Chennai - 600006, A boring bar.

**21, April, 2003**

327/MAS/2003 M/S. Matrix Laboratories Ltd., 1 - 1 - 151/1, IV Floor, Sairam Towers, alexander Road, Secunderabad - 500003, Process for the preparation of Gabapentin form - II.

328/MAS/2003 M/S. Matrix Laboratories Ltd., 1 - 1 - 151/1, IV Floor, Sairam Towers, alexander Road, Secunderabad - 500003, Process for the preparation of carvedilol.

329/MAS/2003 M/S. Matrix Laboratories Ltd., 1 - 1 - 151/1, IV Floor, Sairam Towers, alexander Road, Secunderabad - 500003, New process for the preparation of high pure citalopram salts.

330/MAS/2003 M/S. Matrix Laboratories Ltd., 1 - 1 - 151/1, IV Floor, Sairam Towers, alexander Road, Secunderabad - 500003, Process for the preparation of gabapentin form - II.

331/MAS/2003 M/S. Natco Pharma Limited, "NATCO HOUSE", Road No. 2, Banjara Hills, Hyderabad - 33, An improved process for the preparation of citalopram hydrobromide.

332/MAS/2003 Mr. A. Ramakrishnan, Chitrar Anai - 1, Manian Kuzhi Post, k.k. DIST - 629161, Happy bicycle (Multi purpose bicycle).

333/MAS/2003 Mr. Malipedi Madhusudan Reddy, 2 - 2 - 1118/1/A1, Tilaknagar Cross Roads, Hyderabad - 500044, Low pressure cooking system using a petroleum solvent/ a light petroleum fraction as a cooking fuel.

334/MAS/2003 ABB Schweiz AG, Brown Boveri Strasse 6, CH - 5400 Baden, Switzerland, Isolation apparatus.

335/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA, Center bearing assembly including a support member containing a rheological fluid.

**22, April, 2003**

336/MAS/2003 Mr. Holbrook, David, 262 East Street, Lexington MA 02420, USA, Proactive message buffering across intermittent network connections.

- 337/MAS/2003 Mr. Holbrook, David, 262 East Street, Lexington MA 02420, USA, Messaging system utilizing proximate communications with portable units.
- 338/MAS/2003 Mr. Lardin, Clifford, 406 West Seneca Street, Ithaca NY 14850, USA, Firmware portable messaging units utilizing proximate communications.
- 339/MAS/2003 Mr. Sullivan, Terence Sean, 260, Cypress Street, Brookline MA 02445, USA, Message prioritization and buffering in a limited network.
- 340/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel process for the stabilization of (-) 5 - methoxy - 2 - [[(4 - methoxy - 3, 5 - dimethyl - 2 - pyridinyl) - methyl] sulfinyl] - 1 H-benzimidazole (Esomerprazole).
- 341/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel crystalline form - D of 5 - methoxy - 2 - [[(4 - methoxy - 3, 5 - dimethyl - 2 - pyridinyl)methyl] sulfinyl] - 1H - Benzimidazole sodium salt (Omeprazole sodium) and a process for preparation there of.
- 342/MAS/2003 Air Products And Chemicals Inc., 7201, Hamilton Boulevard, Allentown, PA 18195 - 1501, USA, Metal modified Pd/Ni catalysts.
- 343/MAS/2003 Chevron Phillips Chemical Company LP, 10001 Six Pines Drive, The Woodlands, Texas 77380, USA, Method for manufacturing ionic liquid catalysts.
- 344/MAS/2003 Mr. Dodla John Edwin, Flat No. 301, vishnusadan apts., Rd. No. 3, Shantinagar, Masabtank, Hyderabad - 500028, Solar water treatment plant.

- 345/MAS/2003 M/S. Mysore Sandal Products, P.B. No. 27, Shri Gopalakrishna Temple Building, Amaravathy, Cochin - 1, New conception and method of manufacturing a unique and rare perfume by blending organic oil in desired proportions. The ingredients of many natural essentials oils .

**23, April, 2003**

- 346/MAS/2003 Mr. Panthallookaran Kujuvareed Lonappan, St. Thomas Street, Kuriachira, Trichur - 680006, Manufacturing process for disposable plates and dishes made out of arecanut leaf sheets.

- 347/MAS/2003 Ms. Sujatha Natraj, C/O. Mr. C.S. Swaminathan, 7, Selvarangaraja Street, Near Nexus Computers, Saidapet, Chennai - 600015, Bio Mosquito Repellant: SN - BMR - 101.

- 348/MAS/2003 M/S. HBL NIFE POWER SYSTEMS LIMITED, 8 - 2 - 601, Road No. 10, Banjara Hills, Hyderabad - 500034, Desulphating module for lead acid batteries.

**24, April, 2003**

- 349/MAS/2003 Mr. Abhilash Augustine, Chilampikunnel House, St. Mathew's Church Road, Vennala P.O. - 682028 , New containers.

- 350/MAS/2003 Mr. Ashok K. Talukder, Indian Institute of Information, Bangalore, Asynchronous multi factor model (AMFIM) of security .

- 351/MAS/2003 Shiga Sangyo Kabushiki Kaisha, 2574 - 14, Kameino, Fujisawa - shi, Kanagawa - ken, Japan, Manhole cover/ frame exchange method.

352/MAS/2003 Petroleo Brasileiro S.A. - Petrobras of Av. Republica do Chile No. 65, Rio de Janeiro, Brazil, Second stage cyclone dipleg termination device in FCC units.

353/MAS/2003 Protechna S.A., Rue Saint - Pierre 8, CH - 1701, Fribourg, Switzerland, Transporting and storage containers for liquids.

354/MAS/2003 Exedy Corporation, 1 - 1, Kidamotomiya 1 - Chome, Neyagawa - Shi, Osaka 572, Japan, Dampeer disc assembly having a friction mechanism with improved friction elements and spring members for vibration dampening, the spring members having improved spring seats.

355/MAS/2003 Exedy Corporation, 1 - 1, Kidamotomiya 1 - Chome, Neyagawa - Shi, Osaka 572, Japan, Dampeer disc assembly having a friction mechanism with improved friction elements and spring members for vibration dampening, the spring members having improved spring seats.

25, April, 2003

356/MAS/2003 Shen - Ba LEE, 148 - 5, Wu - Fu Rd., Wu - Fu Village, Wu - Feng Hsiang, Taichung Hsien, Taiwan, Method for producing a piece of timber including heartwood.

357/MAS/2003 Maschinenfabrik Rieter AG, Klosterstrasse 20, CH - 8406, Winterthur, Switzerland, Fibre sliver guidance device.

358/MAS/2003 Nippon Paper Industries Co Ltd., 4 - 1, Oji 1 - Chome, Kita - Ku, Tokyo 114 - 0002, A method for producing a vector for introducing a desired gene into a plant.

- 359/MAS/2003 Aggi Chettiar Magudeswaran Kamalakannan, 7, Mariamman Koil Main Road, Gugai, Salem, - 636006, Hydraulic power generator.

**28, April, 2003**

- 360/MAS/2003 Mr. Vinu Soman, Pushpak, UG - 68, Ulloor Gardens, Ulloor, Trivandrum, Kerala - 695011, Automatic streetlight controller.

- 361/MAS/2003 Mr. Meesala, Samatha Rayalu, S/O. M. Venkataiah, Potuchelu, T. Sandrapalli, Gopavaram (Mndl.), Badvel (T..q), Cuddapah (Dt.), A.P. India, Reciprocating turbine.

- 362/MAS/2003 Dana Corporation, 3222, West Central Avenue, Toledo, Ohio, USA, Device for measuring universal joint operating angles in a drive train system.

- 363/MAS/2003 Shaik Kaim Basha, D - No - 5 - 66 - 62/A, Brodipet - 2/22, Guntur - 522002, A.P., Improvements in or the watch, wrist watch or the like.

**29, April, 2003**

- 364/MAS/2003 Dr. Appaji Gowda, #93/1, Vanivilas Road, Near Chandra Nursing Home, Basavanagudi, Bangalore - 560004, A system and a method for cataract.

- 365/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Novel antilfective compounds: process for their preparation and pharmaceutical composition containing them.

- 366/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 128, (Old No. 34), Cathedral Road, Chennai - 600086, Stable improved orally bioavailable compositions of injectable cephalosporin antibiotics.

30, April, 2003

- 367/MAS/2003 Mr. M. Sivasailam, S/O. Mr. Muthiah, Indian Overseas Bank, Kanji Village and Post, Tiruvannamalai - 606702, A process for producing current by converting seda wave altitude potential energy into kinetic energy.

- 368/MAS/2003 K.R. Anand, Swathanthra Industries 2 B/8, South Phase, Industrial Estate, Ambattur, Chennai - 600058, Special purpose machine used for secondary cold forming of already cold formed blanks. This secondary cold forming is done on the same shank of the job.

- 369/MAS/2003 K.R. Anand, Swathanthra Industries 2 B/8, South Phase, Industrial Estate, Ambattur, Chennai - 600058, Cold forming of eccentric camused in drum brake assembly.

- 370/MAS/2003 K.R. Anand, Swathanthra Industries 2 B/8, South Phase, Industrial Estate, Ambattur, Chennai - 600058, reverse upset of shoe hold down pin using a sliding punch in a special purpose machine. Part used in drum brake assembly.

- 371/MAS/2003 K.R. Anand, Swathanthra Industries 2 B/8, South Phase, Industrial Estate, Ambattur, Chennai - 600058, Trap upset of shoe hold down pins used in drum brake assembly.

372/MAS/2003 Dr. Chinni Krishnan Raj Kumar, No. 40, G.N. Chetty Road, T. Nagar,  
Chennai - 600017, Memory enhancing food products.

1, May, 2003

373/MAS/2003 B. Vijaya Kumar Hegde, Susi Research Centre, Post Shivalli, Ambagil-  
Manipal Road, Udupi - 576 102, Karnataka., Float type tidal energy  
plant.

2, May, 2003

374/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad -  
500016, Novel compounds and their use in medicine: process for their  
preparation and pharmaceutical compositions containing them.

5, May, 2003

375/MAS/2003 Dr. Sambandam /shanmugasundaram, Senior Professor and Head,  
Department of Microbial Technology, School of Biological Sciences,  
Madurai Kamaraj University, Madurai - 625021, Preparation of bioactive  
oligosaccharides exhibiting antimutagenic activity from polysaccharides of  
Moringa olifera Lam.

376/MAS/2003 Dr. Sambandam Shanmugasundaram, Senior Professor and Head,  
Department of Microbial Technology, School of Biological Sciences,  
Madurai Kamaraj University, Madurai - 625021, Preparation of bioactive  
agarose - oligosaccharides exhibiting antimutagenic activity.

- 377/MAS/2003 Clinigene International Private Limited, 20th Km Hosur Road, Electronics City P.O., Bangalore - 561229, Mycophenolate mofetil in diabetic nephropathy.
- 378/MAS/2003 Pinnamaneni Satyavaraprasad, S/O. P. Balarama Krishnaiah, 11 - 175/13/A, Valmikinagar, Fathenagar, Hyderabad - 500007, New compounds having antisinusitis activity.
- 379/MAS/2003 Pinnamaneni Satyavaraprasad S/O. P. Balarama Krishnaiah, 11 - 175/13/A, Valmikinagar, Fathenagar, Hyderabad - 500037, New method of preventive anti air pollution (Mask) activity.
- 380/MAS/2003 M/S. Indian Space Research Organisation, ISRO Headquarters, Department of Space, Antariksh Bhavan, New Bel Road, Bangalore - 560094, A retractable cum variable height container.
- 381/MAS/2003 M/S. TVS Motor company Limited, Jayalakshmi Estates, No. 8, Haddows Road, Chennai - 600006, A refractable footrest device for a motorcycle.
- 382/MAS/2003 M/S. TVS Motor company Limited, Jayalakshmi Estates, No. 8, Haddows Road, Chennai - 600006, An oil pump and cam chain mounting arrangement for four stroke engine of a scooter type motor vehicle.

6, May, 2003

- 383/MAS/2003 M/S. TVS Motor company Limited, Jayalakshmi Estates, No. 8, Haddows Road, Chennai - 600006, An automatic device for switching off the ignition system of an automobile whenever it comes to halt over continuous predetermined period of time.

- 384/MAS/2003 M/S. Biolife Technologies Ltd., 165/166, Phase V, IDA, Jeedimetla, Hyderabad - 500055, A novel cell culturing unit.

7, May, 2003

- 385/MAS/2003 Dr. Ganapathy Rajagopal, 1/769, 3rd Cross, Vidutahlai Nagar, S. Kolathur, Chennai - 600117, A new chemical formulation for preparation of Benedict's Qualitative Reagent.
- 386/MAS/2003 Mr. Navnit Guru, No. 50, 2nd Main, Amarjyoti Layout, Chola Nagar, R.T. Nagar Post, Bangalore - 560032, Auto antitheft device.
- 387/MAS/2003 Mr. Akula Dheeraj, 4 - 62/4, Snehanagar Colony, Street - 8, Habsiguda, Hyderabad - 500007, Bluetooth Hub.

8, May, 2003

- 388/MAS/2003 M/S. Natco Pharma Limited, "NATCO HOUSE", Road No. 2, Banjara Hills, Hyderabad - 33, An improved and stable pharmaceutical composition containing substituted Benzimidazoles and a process for its preparation.
- 389/MAS/2003 Dr. Reddy's Laboratories Ltd., 7 - 1 - 27, Ameerpet, Hyderabad - 500016, Process for the recovery of S - (+) Methyl - (2 - chlorophenyl) - (6, 7 - dihydro - 4H - thieno[3, 2 - c] pyrid, - 5 - yl) acetate hydrogen sulfate (Clopidogrel bisulfate) from its (R) and mixture of (R) and (S) - isomers.

- 390/MAS/2003 DESCo Research Limited, 1, Friar Street, Reading, Berkshire RG1 1DA, United Kingdom, Engine Management system.

9, May, 2003

- 391/MAS/2003 Sree Chitra Tirunal Institute for Medical Sciences & Technology, An Indian Institute of Biomedical Technoogy Wing, Poojappura, Thiruvananthapuram - 695012, A process for the synthesis of a monomer PMGDM, in single solution bonding agent system.

- 392/MAS/2003 M/S. Applied Biotechnology Limited, First Floor, #15, III Avenue, Indira Nagar, Adyar, Chennai - 600020, Isomerisation of CIS betacarotene to trans betacarotene.

- 393/MAS/2003 M/S. Applied Biotechnology Limited, First Floor, #15, III Avenue, Indira Nagar, Adyar, Chennai - 600020, Purification of betacarotene from dunaliella salina.

- 394/MAS/2003 M/S. Applied Biotechnology Limited, First Floor, #15, III Avenue, Indira Nagar, Adyar, Chennai - 600020, Novel betacarotene formulation.

- 395/MAS/2003 M/S. Applied Biotechnology Limited, First Floor, #15, III Avenue, Indira Nagar, Adyar, Chennai - 600020, Purification of CIS betacarotene from Dunaliella Salina.

- 396/MAS/2003 Brunswick Bowling & Billiards Corporation, 525 West Laketon Avenue, P O Box 329, Muskegon, Michigan 49443 - 0329, USA, Bowling scoring system.

12, May, 2003

397/MAS/2003 Anglo - French Drugs & Industries Limited, 41, 3rd Cross, SSI Area, V Block, Rajajinagar, Bangalore, Herbo - mineral formulation for cure and prevention of viral infections.

398/MAS/2003 M/S. Arindum Drilling Technologies Private Limited, #357, 9th Main, 4th Phase, Peenya Industrial Estate, Bangalore - 560058, An improved down the hole drill hammer assembly.

399/MAS/2003 Mr. Gomez Alexander Anthony, 107/45 - C/1, Palamcotta Road, Milerpuram, Tuticorin - 628008, Machine to create motive power.

400/MAS/2003 SHP Enterprises Private Limited, No. 777, 100 Feet Road, Indira Nagar, Bangalore - 560038, Improved ignition system for use in internal combustion engines.

401/MAS/2003 Haynes International, Inc., 1020, West Park Avenue, Kokomo, Indiana 46901, USA, NI - CR - MO Alloys resistant to wet process phosphoric acid and chloride - induced localized attack.

402/MAS/2003 Laila Impex, 40 - 15 - 14, Brindavan Colony, Vijayawada - 520010, A process for preparing highly water soluble double salts of hydroxy citric acid particularly alkali and alkaline earth metal double salts.

13, May, 2003

- 403/MAS/2003 Mr. Muthukulathil Joseph, Puranjan, Post Chemperi, Kannur District, Kerala - 670632, Mosquitoes genesis destroyer.
- 404/MAS/2003 Mr. Pathaneni Veera Bhadra Naga Basava Raju, 4 - 69, IV Aturi Street, Kammireddipalem, Kothapeta, East Godavari Distt., A.P. - 533223, Cool air absorber (CAAR).
- 405/MAS/2003 T.A.Vijayan & others, 19, 1st Street, Parthasarathy Nagar, Adambakkam, Chennai - 600088, An easy cover for four wheelers.
- 406/MAS/2003 Haldor Topsoe A/S, Nymollevvej 55, Dk - 2800, Lyngby, Denmark , Carbon monoxide conversion process and reactor.

14,May,2003

- 407/MAS/2003 Ms. Veena T., Associate Professor, Department of Veterinary, Physiology, Veterinary College, University of Agricultural Sciences, Hebbal, Bangalore - 560024, Seed germination method to diagnose pregnancy in cows (Punyakoti Pregnancy Test for Cattle (PPTC).
- 408/MAS/2003 Prof. Park Jae Woo, Chong Roku, Myong, Ryun Dong, 2GA, 8 - 5, Seoul, Korea, Twist chair.
- 409/MAS/2003 Jagdale Industries Limited, 27, Bull Temple Road, Basavangudi, Bangalore - 560004, A topical pharmaceutical preparations having combined harmostatic wound healing antiseptic property.
- 410/MAS/2003 Jagdale Industries Limited, 27, Bull Temple Road, Basavangudi, Bangalore - 560004, A method of making topical pharmaceutical

preparations having combined haemostatic wound healing antiseptic property.

411/MAS/2003 YKK Corporation, 1, Kanda Izumi - Cho, Chiyoda - ku, Tokyo, Japan,  
Slide fastener having separable bottom end stop.

412/MAS/2003 Roahan Ramesh, No. 13A (Old No. 8), 4th Cross Street, Ormes Road,  
Kilpauk, Chennai - 600010, Enclosures with positive internal locking  
arrangement.

413/MAS/2003 M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown  
Court, 128, (Old No. 34), Cathedral Road, Chennai - 600086, New  
compounds.

19, May, 2003

414/MAS/2003 Indian Institute of Technology, IIT P.O., Chennai - 600036, A refrigerant  
composition for a single stage refrigeration system.

415/MAS/2003 Indian Institute of Technology, IIT P.O., Chennai - 600036, A refrigerant  
composition for a single stage refrigeration system.

416/MAS/2003 Shasun Chemicals and Drugs Limited, 60, Velachery Road, Chennai,  
Process for the preparation of Gabapentin.

417/MAS/2003 Neuland Laboratories Limited, 204, Meridian Plaza, Ameerpet,  
Hyderabad - 500016, An improved process for the preparation of  
Levofloxacin.

418/MAS/2003 Venkata Varathan Rangarajan Chakravarthy, "Prajwal Shruti", Plot No.  
581, Flat "A", Ground Floor, Alagirisamy Salai, K.K. Nagar, Chennai -  
600078, A B Carrier & its application.

## IN/PCT APPLICATION DETAILS

National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
00434/DELNP/2003 Dt : 24/03/2003	PCT/IB01/01518 Dt : 23/08/2001	26317 dt. 30/8/2000 Uruguay.	Uruguay	Cayota Guzicovsky Alfanso and other Uruguay.	Methods for preparing human thrombopoietin polypeptides by mammalian cell cultures.	C12N 15/00
00435/DELNP/2003 Dt : 24/03/2003	PCT/US01/29648 Dt : 21/09/2001	60/234,410 dt. 21/9/2000 USA.	United States of America	Outlast Technologies Inc., US.	Multi-Component fibres having reversible thermal properties.	D01F 8/04
00436/DELNP/2003 Dt : 24/03/2003	PCT/US01/31102 Dt : 04/10/2001	60/238,982 dt. 10/10/2000 USA	United States of America	CRS Holdings Inc., USA.	Co-MN-FE soft magnetic alloys.	H01F 1/147
00437/DELNP/2003 Dt : 24/03/2003	PCT/JP01/09123 Dt : 17/10/2001	2000-317925 dt. 18/10/2000 Japan.	Japan	Mikuni Corporation, Japan.	Electromagnetically driven type plunger pump.	F04B 19/00
00438/DELNP/2003 Dt : 24/03/2003	PCT/GB01/04365 Dt : 02/10/2001	09/689,377 dt. 12/10/2000 USA.	United States of America	International Business Machine Corporation, USA.	A universal output constructor for XML queries.	G06F 17/30
00439/DELNP/2003 Dt : 25/03/2003	PCT/IB01/01797 Dt : 01/10/2001	60/236,713 dt. 2/10/2000 USA.	Switzerland	Swiss Reinsurance Company, Switzerland.	On-line reinsurance capacity auction system and method.	G06F 17/60
00440/DELNP/2003 Dt : 25/03/2003	PCT/EP01/11715 Dt : 09/10/2001	0024669.4 dt. 9/10/2000 UK.	United States of America	Motorola, Inc., USA.	Method and apparatus for determining regions of interest in images and for image transmission.	G06T

00441/DELNP/2003	PCT/GB01/04939	508114 & 0105720.7 dt. 13/11/2000 & 8/3/2001 New Zealand & UK	United Kingdom	Rhodia Consumer Specialties Limited, UK.	C14C 3/12
Dt : 25/03/2003	Dt : 08/11/2001				
00442/DELNP/2003	PCT/US01/29261	09/670,166, 09/670,168, 09/670,169 & 09/670,170 dt. 26/9/2000 USA.	United States of America	The University of Arizona Foundation, USA.	C07D 235/30
Dt : 25/03/2003	Dt : 19/09/2001				
00443/DELNP/2003	PCT/US02/08534	09/816,321 dt., 26/3/2001 US.	United States of America	Appleton Papers Inc., US.	B32B 31/12
Dt : 26/03/2003	Dt : 20/03/2002				
00444/DELNP/2003	PCT/CA01/01346	2320455 dt. 22/9/2000 Canada.	Canada	Environmental Waste International Inc., Canada.	B09B 3/00
Dt : 26/03/2003	Dt : 21/09/2001				
00445/DELNP/2003	PCT/JP01/08239	2000-301523 dt. 29/9/2000 Japan.	Japan	Kissei Pharmaceutical Co., Ltd., Japan.	C07H 15/203
Dt : 26/03/2003	Dt : 21/09/2001				
00446/DELNP/2003	PCT/AU01/01210	PRO442 & PR6035 dt. 28/9/2000 & 29/6/2001 Australia.	Australia	Graeme Kershaw Robertson, Australia.	F16F 9/06
Dt : 26/03/2003	Dt : 27/09/2001				
00447/DELNP/2003	PCT/US02/00236	60/260,241 dt. 8/1/2001 USA.	United States of America	Inductotherm Corp., USA.	H05B 6/06
Dt : 26/03/2003	Dt : 07/01/2002				
00448/DELNP/2003	PCT/US01/31809	60/240,869 dt. 11/10/2000 USA.	United States of America	The Trustees of Columbia University in the City of New York, US.	G06F 13/00
Dt : 26/03/2003	Dt : 11/10/2001				

00449/DELNP/2003 Dt : 26/03/2003	PCT/AU01/01079 Dt : 28/08/2001	PQ 9687 dt. 28/8/2000 Australia.	Australia	Intreat Pty. Limited, Australia.	Treatment of urinary dysfunction.	A61K 31/57
00450/DELNP/2003 Dt : 26/03/2003	PCT/AU01/01098 Dt : 31/08/2001	PQ 9793 dt. 31/5/2000 Australia.	Australia	Eikon Pty. Ltd., Australia.	Mining system.	E21D 9/13
00451/DELNP/2003 Dt : 26/03/2003	PCT/GB01/03879 Dt : 30/08/2001	0021303.3 dt. 30/8/2000 UK	Norway	Statens Institutt for Folkehelse, and other Norway.	Use of nonviable particles comprising an internal control (IC) nucleic acid.	C12Q 1/68
00452/DELNP/2003 Dt : 26/03/2003	PCT/JP01/08471 Dt : 27/09/2001	2000-301001 & 2001- 38829 dt. 29/9/2000 & 15/2/2001 Japan.	Japan	JSR Corporation, Japan.	Methods for molding polymers.	B29C 4/02
00453/DELNP/2003 Dt : 26/03/2003	PCT/KR01/01450 Dt : 28/08/2001	2000-0050067 & 2001- 0051820 dt. 28/8/2000 & 27/8/2001 Korea.	Korea	Bionox Inc., Korea.	Protocols for generation of High yield, super-productive transgenic plants disturbed in ran/ran-binding proteins-mediated cellular process.	C12N
00454/DELNP/2003 Dt : 26/03/2003	PCT/EP01/11399 Dt : 02/10/2001	00308764.0 dt. 4/10/2000 EP.	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands.	Process for providing a surface with a fire-proof and/or wear resistant lining.	F27D 1/14
00455/DELNP/2003 Dt : 26/03/2003	PCT/US01/27431 Dt : 05/09/2001	09/659,442 & 09/770,885 dt. 8/9/2000 & 26/1/2001 USA.	United States of America	Wisconsin Alumni Research Foundation, USA.	Modified carbon, silicon and germanium surfaces.	C12M 1/34

00456/DELNP/2003 Dt: 26/03/2003	PCT/IN01/00071 Dt: 30/03/2001	PCT/IN01/00071 DT. 30/3/2001	India	Council of Scientific & Industrial Research, India.	Novel oligonucleotide primers for phosphotidy inositol in bacillus cereus and a method for the detection of bacillus cereus.	C12Q 1/68
00457/DELNP/2003 Dt: 26/03/2003	PCT/IN01/00031 Dt: 05/03/2001	PCT/IN01/00031 DT. 5/3/2001	India	Council of Scientific & Industrial Research, India.	A Process for preparation of protein-hydrolysate from soy flour.	A25J 3/34
00458/DELNP/2003 Dt: 26/03/2003	PCT/IN01/00029 Dt: 05/03/2001	PCT/IN01/00029 DT. 5/3/2001	India	Council of Scientific & Industrial Research, India.	Process for preparation of protein-hydrolysate from soy flour.	A23J 3/34
00459/DELNP/2003 Dt: 26/03/2003	PCT/IN01/00181 Dt: 17/10/2001	PCT/IN01/00181 DT. 17/10/2001	India	Council of Scientific & Industrial Research, India.	Process of egg yolk antibodies for organochlorine pesticides.	C07K 16/00
00460/DELNP/2003 Dt: 26/03/2003	PCT/IN01/00030 Dt: 05/03/2001	PCT/IN01/00030 DT. 5/3/2001	India	Council of Scientific & Industrial Research, India.	Process for the preparation of protein hydrolysate from milk protein.	A23J 3/34
00461/DELNP/2003 Dt: 27/03/2003	PCT/GB01/04560 Dt: 12/10/2001	0025110.8 & 0108743.6 dt. 13/10/2000 & 6/4/2001 GB.	United Kingdom	Cadbury Schweppes Plc., UK.	Tablet dispenser for dispensing individual tablets.	B65D 83/04
00462/DELNP/2003 Dt: 27/03/2003	PCT/US01/43843 Dt: 06/11/2001	60/246,811 dt. 8/11/2000 US.	United States of America	The Procter & Gamble Company, USA.	Photo-labile pro-fragrance conjugates.	A61K 7/46
00463/DELNP/2003 Dt: 27/03/2003	PCT/JP01/08670 Dt: 02/10/2001	2000-305569 & 2001-191486 dt. 4/10/2000 & 25/6/2001 Japan.	Japan	Kissei Pharmaceutical Co., Ltd., Japan.	5-Amidino-2-hydroxybenzenesulfonamide derivatives, pharmaceutical compositions, containing the same and intermediates for their preparation.	C07C 311/37

00464/DELNP/2003	PCT/GB01/04334	0023971.5 dt. 29/9/2000 UK.	England	Smithkline Beecham PLC, England.	Sodium salts of 5-[4-[2-(N-Methyl- N-(2-pyridyl)amino) ethoxy] benzyl] thiazolidine-2,4-dione.	C07D 417/12
Dt : 27/03/2003	Dt : 28/09/2001					
00465/DELNP/2003	PCT/GB01/04346	0023970.7 dt. 29/9/2000 UK.	England	Smithkline Beecham PLC, England.	A thiazolidinedione derivative and its use as antidiabetic.	C07D 417/12
Dt : 27/03/2003	Dt : 28/09/2001					
00466/DELNP/2003	PCT/EP01/11330	00402710.8 dt. 2/10/2000 EPO.	United States of America	Warner-Lambert Company LLC, USA.	New thiazazoles and oxadiazoles and their use as phosphodiesterase-7 inhibitors.	C07D 285/135
Dt : 27/03/2003	Dt : 01/10/2001					
00467/DELNP/2003	PCT/AU01/01248	PR 0648 dt. 9/10/2000 Australia.	United States of America	U.S. Filter Wastewater Group Inc., USA.	Improved membrane filtration system.	B01D 63/06
Dt : 27/03/2003	Dt : 03/10/2001					
00468/DELNP/2003	PCT/IN01/00191	PCT/IN01/00191	India	Council of Scientific & Industrial Research, India.	Biological filter for the purification of waste gases.	C02F 3/06
Dt : 28/03/2003	Dt : not given	Dt : not given				
00469/DELNP/2003	PCT/IN00/00082	PCT/IN00/00082 DT. 31/8/2000	India	Council of Scientific & Industrial Research, India.	Method for the preparation of stable and reusable biosensing granules.	C12N 11/04
Dt : 28/03/2003	Dt : 31/08/2000					
00470/DELNP/2003	PCT/IB02/05525	PCT/IB02/05525	India	Council of Scientific & Industrial Research, India.	An improved process for the stabilization of 2-acetyl-1- pyrroline, the basmati rice flavourant.	A23L 1/221
Dt : 28/03/2003	Dt : not given	Not given				
00471/DELNP/2003	PCT/AU01/01087	PQ 9703 dt. 29/8/2000 Australia.	United Kingdom	Global Voice Ltd., UK.	Wireless communication.	H04L 29/10
Dt : 28/03/2003	Dt : 29/08/2001					

00472/DELNP/2003	PCT/GB01/05253	0029179.9 dt. 30/11/2000 UK	England	Ridgeway Systems and Software Limited, England.	Communications system.	H04L 29/00
Dt : 28/03/2003	Dt : 29/11/2001					
00473/DELNP/2003	PCT/US01/42120	60/235,407 dt. 26/9/2000 USA.	India	Thomas R. Patacca, and other USA.	Tooth coating composition.	A61K 6/00
Dt : 28/03/2003	Dt : 10/09/2001					
00474/DELNP/2003	PCT/AU01/01084	PQ 9768 dt. 29/8/2000 Australia.	Australia	The University of Queensland, Australia.	Novel polypeptides and polynucleotides and uses therefor.	C12N 15/61
Dt : 28/03/2003	Dt : 29/08/2001					
00475/DELNP/2003	PCT/IN01/00014	PCT/IN01/00014 DT. 2/2/2001	India	Council of Scientific & Industrial Research, India.	A process for making rare earth doped optical fibre.	C03B 37/018
Dt : 31/03/2003	Dt : 02/02/2001					
00476/DELNP/2003	PCT/IN01/00050	PCT/IN01/00050 DT. 27/3/2001	India	Council of Scientific & Industrial Research, India.	A multi-fibre optic 2D-array device for sensing and localizing environment perturbation using speckle image processing.	G01D 5/353
Dt : 31/03/2003	Dt : 27/03/2001					
00477/DELNP/2003	PCT/IN01/00193	PCT/IN01/00193 DT. 23/10/2001	India	Council of Scientific & Industrial Research, India.	Skeletal cell model to screen anti- diabetic compounds.	A61B
Dt : 31/03/2003	Dt : 23/10/2001					
00478/DELNP/2003	PCT/IN01/00059	PCT/IN01/00059 DT. 29/3/2001	India	Council of Scientific & Industrial Research, India.	Biologically active chloroform fraction of an extract obtained from a mangrove plant <i>salvadora</i> <i>persica</i> L.	A61K 35/178
Dt : 31/03/2003	Dt : 29/03/2001					
00479/DELNP/2003	PCT/IN00/00106	PCT/IN00/00106 DT. 20/10/2000	India	Council of Scientific & Industrial Research, India.	Use of bioactive fraction from cow urine distillate (go-Mutra) as a bio-enhancer of anti-infective, anti-cancer agents and nutrients.	A61K 35/22
Dt : 31/03/2003	Dt : 20/10/2000					

00480/DELNP/2003 Dt: 31/03/2003	PCT/IN01/00053 Dt: 28/03/2001	PCT/IN01/00053 DT. 28/3/2001	India	Council of Scientific & Industrial Research, India	Bioactivity of methyl palmitate obtained from a mangroove plant salvadora persica L.	A61K 35/78
00481/DELNP/2003 Dt: 31/03/2003	PCT/IN00/00043 Dt: 19/03/2000	PCT/IN00/00043 DT. 19/3/2000	India	Council of Scientific & Industrial Research, India	A Process for the production of an inhibitors of human platelet aggregation and soybean lipoxigenase.	C07C 229/00
00482/DELNP/2003 Dt: 31/03/2003	PCT/IN00/00119 Dt: 18/12/2000	PCT/IN00/00119 DT. 18/12/2000	India	Council of Scientific & Industrial Research, India	A herbal composition for treating asthma.	A61K 35/78
00483/DELNP/2003 Dt: 31/03/2003	PCT/IN00/00123 Dt: 08/12/2000	PCT/IN00/00123 DT. 8/12/2000	India	Council of Scientific & Industrial Research, India	A novel method for chromatographic finger printing and standardization of single medicines and formulations.	G01N 30/88
00484/DELNP/2003 Dt: 31/03/2003	PCT/US01/29041 Dt: 18/09/2001	60/233,681 & 09/941,281 dt. 19/9/2000 & 28/8/2001 USA.	United States of America	Honeywell International Inc., USA.	High speed yarn finish application.	D01D 5/096
00485/DELNP/2003 Dt: 31/03/2003	PCT/NZ01/00198 Dt: 24/09/2001	507104 dt. 22/9/2000 NZ.	New Zealand	New Zealand Dairy Board, New Zealand.	Process for making cheese containing gum.	A23C 19/05
00486/DELNP/2003 Dt: 31/03/2003	PCT/FR01/03257 Dt: 19/10/2001	00/13569 dt. 23/10/2000 France.	France	Valois S.A.S., France.	A fluid dispenser pump.	B05B 11/00
00487/DELNP/2003 Dt: 31/03/2003	PCT/US01/30699 Dt: 03/10/2001	09/678,387 dt. 3/10/2000 USA.	United States of America	Rosenbluth International Inc., USA.	Reverse auction method and system.	G06F 17/60

00488/DELNP/2003 Dt : 31/03/2003	PCT/AU01/00739 Dt : 02/07/2001	PR 0018 dt. 8/9/2000 Australia.	Australia	Structural Monitoring Systems Ltd., AU.	Method and apparatus for monitoring the integrity of components and structures.	G01M 3/32
00489/DELNP/2003 Dt : 01/04/2003	PCT/US01/31995 Dt : 15/10/2001	09/699,196 dt. 27/10/2000 USA.	Canada	Nortel Networks Limited, Canada.	IP adaptation layer on backhaul connection on cellular network.	H04L 29/06
00490/DELNP/2003 Dt : 01/04/2003	PCT/US01/42305 Dt : 19/09/2001	60/237,178 dt. 2/10/2000 USA.	United States of America	Corning Incorporated, USA.	Lithium aluminosilicate ceramic.	C04B 35/19
00491/DELNP/2003 Dt : 01/04/2003	PCT/CA01/01368 Dt : 27/09/2001	60/235,911 dt. 28/9/2000 USA.	Canada	Ravco Innovations Inc., Canada.	Security barrier endless drive loop lock.	E06B 9/18
00492/DELNP/2003 Dt : 01/04/2003	PCT/KR01/01640 Dt : 28/09/2001	2000/57652 dt. 30/9/2000 Korea.	Korea	Eugene Science Inc., Korea.	Method for dispersing plant sterol for beverage and a plant sterol- dispersed beverage, of which particle size is nanometer-scale in dispersed beverage.	A23L 2/38
00493/DELNP/2003 Dt : 01/04/2003	PCT/KR01/01670 Dt : 05/10/2001	58465/2000 dt. 5/10/2000 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Apparatus and method for detecting transmitting rate of turbo decoder.	H04b 1/69
00494/DELNP/2003 Dt : 01/04/2003	PCT/KR02/00084 Dt : 18/01/2002	2930/2001 dt. 18/1/2001 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Apparatus and method for controlling reverse transmission in a mobile communication system.	H04B 7/26
00495/DELNP/2003 Dt : 01/04/2003	PCT/US01/30108 Dt : 25/09/2001	09/679,408 dt. 4/10/2000 USA.	United States of America	Vectrix Corporation, USA.	Electric scooter with on-board charging system.	B60L 11/18

00496/DELNP/2003 Dt: 01/04/2003	PCT/KR01/01628 Dt: 27/09/2001	2000/57864 dt. 2/10/2000 Korea.	Korea	SHT Co. Ltd., Korea.	Sale method and system employing product price varying dependent upon valid date-of product.	G06F 17/60
00497/DELNP/2003 Dt: 01/04/2003	PCT/CA02/01193 Dt: 30/07/2002	2354796 & 60/316,017 dt. 2/8/2001 & 31/8/2001 Canada & USA.	Canada	Multimatic Inc., Canada.	Automotive door hinge with structurally integrated pivot.	E05D 5/12
00498/DELNP/2003 Dt: 02/04/2003	PCT/US01/30282 Dt: 27/09/2001	60/239,074 & 60/302,569 dt. 6/10/2000 & 2/7/2001 USA.	United States of America	Microcoating Technologies, Inc., USA.	Optical waveguides and integrated optical subsystems on- a-chip.	G02B 6/30
00499/DELNP/2003 Dt: 02/04/2003	PCT/EP01/09839 Dt: 27/08/2001	100 44 382.6 dt. 8/9/2000 Germany.	Germany	Haarmann & Reimer GMBH, Germany.	Care agents.	A61K 7/50
00500/DELNP/2003 Dt: 02/04/2003	PCT/US01/29418 Dt: 21/09/2001	09/667,689 dt. 22/9/2000 USA.	United States of America	Wireless Valley communications, Inc., USA.	Method and system for automated selection of optimal communication network equipment model, position and configuration.	G06F 17/50
00501/DELNP/2003 Dt: 02/04/2003	PCT/US01/29419 Dt: 21/09/2001	09/688,145 dt. 25/9/2000 USA.	United States of America	Wireless Valley communications, Inc., USA.	System and method for design, tracking, measurement, prediction and optimization of data communications networks.	G06F 17/50
00502/DELNP/2003 Dt: 02/04/2003	PCT/CH01/00560 Dt: 17/09/2001	1832/00 dt. 20/9/2000 Switzerland.	Switzerland	Alpvision S.A., Switzerland.	Method for preventing counterfeiting or alteration of a printed or engraved surface.	G07D 7/00
00503/DELNP/2003 Dt: 03/04/2003	PCT/EP01/11764 Dt: 11/10/2001	100 51 005.1 dt. 14/10/2000 Germany.	Germany	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG. GERMANY.	New M-Amino-phenylimino- imidazolidine derivatives for treating urinary incontinence.	C07D 233/00

00504/DELNP/2003	PCT/JP02/06497	2001-277299 dt. 12/9/2001 Japan.	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan.	Camshaft timing chain retaining mechanism.	F02B 67/06
Dt : 03/04/2003	Dt : 27/06/2002					
00505/DELNP/2003	PCT/US01/29821	09/680,360 dt. 5/10/2000 USA.	United States of America	Kennametal Inc., USA.	Cutting insert for percussion drill bit.	E21B 10/56 s
Dt : 03/04/2003	Dt : 24/09/2001					
00506/DELNP/2003	PCT/US01/48683	60/244,434 dt. 31/10/2000 USA.	United States of America	Boehringer Ingelheim Pharmaceuticals inc., USA.	Oral dosage self-emulsifying formulations of pyranone protease inhibitors.	A61K 31/00
Dt : 03/04/2003	Dt : 30/10/2001					
00507/DELNP/2003	PCT/AU01/01350	PR 0946 dt. 23/10/2000 Australia.	United States of America	U.S. Filter Wastewater Group Inc., USA.	Fibre membrane arrangement.	B01D 65/08
Dt : 03/04/2003	Dt : 22/10/2001					
00508/DELNP/2003	PCT/US01/32605	60/240,963 dt. 18/10/2000 USA.	United States of America	WU Tzu-Sheng, USA.	Novel medicinal herbal composition for treating liver diseases and HIV.	A61K 35/78
Dt : 03/04/2003	Dt : 18/10/2001					
00509/DELNP/2003	PCT/GB01/04527	00309207.9, 0105766.0 & 0119165.9 dt. 19/10/2000, 8/3/2001 & 6/8/2001 EP & GB.	United Kingdom	Amura Limited, UK.	Pharmaceutical compositions containing oxapenem-3-carboxylic acids.	A61K 31/424
Dt : 03/04/2003	Dt : 11/10/2001					
00510/DELNP/2003	PCT/US01/31098	09/678,229 & 09/678,095 dt. 4/10/2000 USA.	United States of America	Great Circle Technologies, Inc., USA.	Process and apparatus for treating wastewater.	C02F 9/00
Dt : 04/04/2003	Dt : 04/10/2001					
00511/DELNP/2003	PCT/US01/31446	09/65,457 dt. 11/10/2000 USA.	United States of America	Ericsson, Inc., USA.	A system and method for applying reciprocity for downlink interference identification.	H04Q 7/38
Dt : 04/04/2003	Dt : 09/10/2001					

00512/DELNP/2003	PCT/EP01/11361	100 51 349.2 dt. 17/10/2000	Germany	Deutsche Montar Technologie GmbH, Germany.	Method and devices for producing naphthalene from coke produced from coke oven crude gas.	C07C 15/24
Dt.: 04/04/2003	Dt.: 02/10/2001					
00513/DELNP/2003	PCT/US01/31611	60/239,560 dt. 10/10/2000	United States of America	American Electric Power Company, Inc., USA.	A power load-leveling system and packet electrical storage.	H02M 5/40
Dt.: 04/04/2003	Dt.: 10/10/2001					
00514/DELNP/2003	PCT/US01/19655	60/233,519,60/284,730 & 60/284,438 dt. 19/9/2000, 18/4/2001 USA.	United States of America	Bristol-Myers Squibb Company, USA.	Fused heterocyclic succinimide compounds and analogs thereof, modulators of nuclear hormone receptor function.	C07D 491/08
Dt.: 04/04/2003	Dt.: 20/06/2001					
00515/DELNP/2003	PCT/GB01/04520	0024684.3 dt. 9/10/2000	United Kingdom	Pandrol Limited, UK.	Railway rail fastening clip and assembly.	E01B 9/30
Dt.: 04/04/2003	Dt.: 09/10/2001					
00516/DELNP/2003	T/EP01/11608	60/239,031 & 09/970,117 dt. 10/10/2000 & 3/10/2001	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands.	Spin draw process of making partially orientated yarns from polytrimethylene terephthalate.	D01F 6/62
Dt.: 04/04/2003	Dt.: 09/10/2001					
00517/DELNP/2003	PCT/GB01/04031	0021989.9 dt. 7/9/2000 GB.	United Kingdom	EDNEY Guy Spencer, UK.	Projection Unit.	G03B 21/10
Dt.: 04/04/2003	Dt.: 07/09/2001					

## IN/PCT APPLICATION DETAILS

National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
00518/DELNP/2003 Dt : 07/04/2003	PCT/EP01/12962 Dt : 09/11/2001	10056104.7 dt. 13/11/2000 Germany.	Germany	Boehringer Ingelheim Pharma GMBH & Co., KG., Germany.	Novel medicament compositions based on tiotropium salts and on salmeterol salts.	A61K 31/46
00519/DELNP/2003 Dt : 07/04/2003	PCT/GB01/04575 Dt : 15/10/2001	0025556.2 dt. 18/10/2000 GB.	United Kingdom	ECO Animal Health Ltd., UK.	Treatment and prophylaxis of diseases and infections of pigs and poultry.	A23K 1/00
00520/DELNP/2003 Dt : 07/04/2003	PCT/GB01/04664 Dt : 19/10/2001	00258996.6 dt. 23/10/2000 GB	United Kingdom	Mastenbroek Ltd., UK.	Trenching method and apparatus.	E02F 5/10
00521/DELNP/2003 Dt : 07/04/2003	PCT/EP01/13032 Dt : 07/11/2001	00203901.4 dt. 7/11/2000 EP.	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands.	Vertical cyclone separator.	B04C 5/081
00522/DELNP/2003 Dt : 08/04/2003	PCT/FR01/03094 Dt : 08/10/2001	0012898 dt. 9/10/2000 France.	France	Jean-Philippe Ruhmann, France.	Air conditioning device.	F24F 7/10

00523/DELNP/2003	PCT/US01/31246	00130711.8 & 01101446.6 dt. 10/10/2000 & 13/1/2001 China.	United States of America	The public health research institute of the city of New York, Inc., USA.	Specific double- stranded probes for homogeneous detection of nucleic acid and their application methods.	C07H 21/04
Dt : 08/04/2003	Dt : 05/10/2001					
00524/DELNP/2003	PCT/US01/31600	00253336.9 dt. 16/10/2000 GB.	United States of America	The Gillette Company, USA.	Safety Razors.	B26B 21/00
Dt : 08/04/2003	Dt : 11/10/2001					
00525/DELNP/2003	PCT/US01/28406	60/234,622 dt. 22/9/2000 USA.	United States of America	Bristol-Myers Squibb Company, USA.	Efficient process for preparation of a factor XA inhibitor.	C07D 413/14
Dt : 08/04/2003	Dt : 12/09/2001					
00526/DELNP/2003	PCT/FR01/02827	00/12842 dt. 6/10/2000 France.	France	Societe Europeennee D'ingenierie mecanique Eurodim, France.	System for transferring a fluid product between a carrying vessel and a store installation.	B67D 5/68
Dt : 08/04/2003	Dt : 11/09/2001					
00527/DELNP/2003	PCT/US01/30731	09/678,121 dt. 3/10/2000 USA.	United States of America	Ericsson, Inc., USA.	System and method for quantifying accuracy of interference analysis in a wireless telecommunications network.	H04Q 7/38
Dt : 08/04/2003	Dt : 02/10/2001					

00528/DELNP/2003	PCT/KR02/01546	2001-48921 dt. 14/8/2001 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Demodulation apparatus and method in a communication system employing 8-ary psk modulation.	H04L 27/22
Dt : 08/04/2003	Dt : 13/08/2002					
00529/DELNP/2003	PCT/KR02/01545	2001-48758 dt. 13/8/2001 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Demodulation apparatus and method in a communication system employing 16-ary qam.	H04L 27/34
Dt : 08/04/2003	Dt : 13/08/2002					
00530/DELNP/2003	PCT/US01/45478	09/699,226 dt. 26/10/2000 USA.	United States of America	O'ROURKE, SAM, USA.	Sealed backpressure breathing device.	A61M 15/00
Dt : 08/04/2003	Dt : 24/10/2001					
00531/DELNP/2003	PCT/KR02/01575	2001-50012 & 2002-33697 dt. 20/8/2001 & 17/6/2002 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Apparatus and method for interfacing between modem and memory in mobile station.	H04B 1/40
Dt : 08/04/2003	Dt : 20/08/2002					
00532/DELNP/2003	PCT/GB01/04555	0025044.9, 0107373.3, 0025209.8 & PCT/GB00/04349 dt. 12/10/2000, 23/3/2001, 13/10/2000 & 15/11/2000 UK	Spain	Pharma Mar, S.A., Spain.	A composition for the treatment of cancers.	A61K 38/00
Dt : 08/04/2003	Dt : 12/10/2001					

00533/DELNP/2003 Dt: 08/04/2003	PCT/US01/31487 Dt: 09/10/2001	60/239,132 dt. 10/10/2000 USA	United States of America	DBT America Inc., and other USA.	Automated continuous haulage system.	B65G
00534/DELNP/2003 Dt: 09/04/2003	PCT/SE01/01985 Dt: 17/09/2001	0003371.2 dt. 18/9/2000 Sweden.	Sweden	ABB AB, Sweden.	Switching device.	H01H 33/36
00535/DELNP/2003 Dt: 09/04/2003	PCT/SE01/01991 Dt: 18/09/2001	0003369.6 dt. 18/9/2000 Sweden.	Sweden	ABB AB, Sweden.	Switching device system, components therefore and methods relating thereto.	H01H 33/36
00536/DELNP/2003 Dt: 09/04/2003	PCT/FR01/03126 Dt: 10/10/2001	00/013342 DT. 18/10/2000 France.	France	L'Air Liquide, société anonyme à directeur et conseil de surveillance pour l'étude et l'exploitation des procédés géorgés claude, France.	Process and installation for purifying and recycling helium and their application in the manufacture of optical fibers.	F25J 3/06
00537/DELNP/2003 Dt: 09/04/2003	PCT/US01/48725 Dt: 12/12/2001	60/255,035 dt. 12/12/2000 USA.	United States of America	Baker Hughes Incorporated, USA.	Low molecular weight isotactic polypropylene polymers, copolymers and derivatives and materials prepared therewith.	C08F 10/06

00538/DELNP/2003 Dt: 09/04/2003	PCT/EP01/11226 Dt: 28/09/2001	10050994.0 DT. 14/10/2000 GERMANY.	Germany	Boehringer Ingelheim Pharma GMBH & Co., KG., Germany.	Novel anticholinergic agents that can be used as medicaments and method for the production thereof.	C07D 451/10
00539/DELNP/2003 Dt: 09/04/2003	PCT/IB01/02098 Dt: 08/11/2001	00811105.6 dt. 21/11/2000 EP	United States of America	International Business Machine Corporation, USA.	Anonymous access to a service.	H04L 29/06
00540/DELNP/2003 Dt: 09/04/2003	PCT/IB01/02078 Dt: 12/11/2001	00811104.9 dt. 21/11/2000 EP	United States of America	International Business Machine Corporation, USA.	Costs in Data Networks.	H04L 12/18
00541/DELNP/2003 Dt: 09/04/2003	PCT/SG01/00179 Dt: 07/09/2001	200005117.7 & 200104759.6 dt. 9/9/2000 & 8/8/2001 Singapore.	Singapore	Choo, Thiam Huay Gary, Singapore.	Process for manufacture of mouldable product and mould for use with this process.	C08L 97/02
00542/DELNP/2003 Dt: 09/04/2003	PCT/SG01/00178 Dt: 07/09/2001	200005117.7 & 200104759.6 dt. 9/9/2000 & 8/8/2001 Singapore.	Singapore	Choo, Thiam Huay Gary, Singapore.	Moulding mixture for manufacture of mouldable product.	C08L 97/02
00543/DELNP/2003 Dt: 10/04/2003	PCT/US01/31974 Dt: 10/10/2001	60/239,862 dt. 11/10/2000 USA	United States of America	Samsonite Corporation, USA.	Hybrid construction for a luggage case.	A45C 13/00

00544/DELNP/2003	PCT/US01/42658	60/239,698 dt. 12/10/2000 USA.	United States of America	The public health research institute of the city of New York, Inc., USA.	Oligonucleotide- facilitated coalescence.	C12N
Dt : 10/04/2003	Dt : 11/10/2001					
00545/DELNP/2003	PCT/DE01/03766	100 49 735.7 dt. 28/9/2000 Germany.	Germany	Schering Aktiengesellschaft, Germany.	Method for isolating pharmaceutically exploitable etidronate disodium.	C07 9/38
Dt : 10/04/2003	Dt : 28/09/2001					
00546/DELNP/2003	PCT/US01/51402	09/698,696 dt. 27/10/2000 USA.	Japan	Candescent Intellectual Property Services, Inc., and other Japan.	Structure and fabrication of device, such as light-emitting device or electron-emitting device, having getter region.	H01J
Dt : 10/04/2003	Dt : 24/10/2001					
00547/DELNP/2003	PCT/SG01/00094	200005776.0 dt. 9/10/2000 Singapore.	Singapore	Healthstats International Pte Ltd., Singapore.	Method and device for monitoring blood pressure.	A61B 5/00
Dt : 10/04/2003	Dt : 17/05/2001					
00548/DELNP/2003	PCT/JP02/08812	2001-262805 dt. 31/8/2001 Japan.	Japan	Riken Corporation, Japan.	Two piece oil control ring with nitrided surface layers.	F16J 9/06
Dt : 10/04/2003	Dt : 30/08/2002					
00549/DELNP/2003	PCT/AU01/01279	PR 0663 DT. 9/10/2000 AUSTRALIA.	Australia	A & MT Projects Pty. Limited, Australia.	Wireless Transactions.	G06F 17/60
Dt : 10/04/2003	Dt : 09/10/2001					

00550/DELNP/2003 Dt : 10/04/2003	PCT/AU01/01152 Dt : 13/09/2001	PR 0076 dt. 13/9/2000 Australia.	Australia	Kajlich, Anton, Australia.	Equipment for faster swimming pools.	E04H 4/14
00551/DELNP/2003 Dt : 16/04/2003	PCT/EP01/12338 Dt : 22/10/2001	60/241,801 & 60/241,844 dt. 20/10/2000 USA	Belgium	Virco BVBA, Belgium.	New mutational profiles of HIV-1, reverse transcriptase correlated with phenotypic drug resistance.	G06F 19/00
00552/DELNP/2003 Dt : 16/04/2003	PCT/US01/30377 Dt : 01/10/2001	60/237,677, 60/286,525 & 09/870,986 dt. 5/10/2000, 27/4/2001 & 1/6/2001 USA.	United States of America	Virginia Tech Intellectual Properties, Inc., USA.	Bio-chip, photoluminescent methods for identifying biological material, and apparatus for use with such methods and bio-chips.	C12Q 1/68
00553/DELNP/2003 Dt : 16/04/2003	PCT/FR01/03195 Dt : 16/10/2001	00/13479 dt. 20/10/2000 France.	France	Alstom, France.	A hybrid high voltage substation having facing opposite feeders, and metal-clad break and switching modules for such a substation.	H02G 5/06
00554/DELNP/2003 Dt : 16/04/2003	PCT/SE01/02310 Dt : 22/10/2001	0003925.5 dt. 27/10/2000 Sweden.	Sweden	Terraplay Systems AB, Sweden.	Server for mapping application names to tag values in distributed multi- user application.	H04L 29/06

00555/DELNP/2003	PCT/JP01/08921	2000-311960 dt. 12/10/2000 Japan.	Japan	Nissan Chemical Industries, Ltd., and other Japan.	Prophylactic and therapeutic agent for diabetic complications.	A61K 31/47
Dt : 16/04/2003	Dt : 11/10/2001					
00556/DELNP/2003	PCT/GB01/04250	0023412.0 dt. 23/9/2000 UK.	England	Harefield Cardiac Limited, England.	A blood circulation assistance device.	A61M 1/10
Dt : 16/04/2003	Dt : 24/09/2001					
00557/DELNP/2003	PCT/AU01/011179	PR 0261 dt. 20/9/2000 Australia.	Australia	AGT One Pty Ltd., Australia.	Deposition of thin films by laser ablation.	C07D 451/10
Dt : 16/04/2003	Dt : 20/09/2001					
00558/DELNP/2003	PCT/EP01/11225	100 50 621.6 dt. 12/10/2000 Germany.	Germany	Boehringer Ingelheim Pharma GmbH & Co., KG., Germany.	Crystalline monohydrate, processes for the preparation thereof and the use thereof for preparing a pharmaceutical composition.	C07D 451/10
Dt : 16/04/2003	Dt : 28/09/2001					
00559/DELNP/2003	PCT/US01/27755	09/679,900 dt. 5/10/2000 USA	United States of America	PCS Nitrogen Fertilizer, L.P. USA.	Gypsum decontamination process.	C01F 1/00
Dt : 16/04/2003	Dt : 05/10/2001					
00560/DELNP/2003	PCT/JP01/08919	2000-318528 dt. 18/10/2000 Japan.	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan.	Air conditioning duct and method for mounting same.	B60H
Dt : 16/04/2003	Dt : 11/10/2001					

00561/DELNP/2003	PCT/EP01/12194	00203627.5 dt. 19/10/2000 Europe.	Belgium	Tibotec BVBA and other Belgium.	Method and device for the manipulation of microcarriers for an identification purpose.	G01N 33/58
Dt : 16/04/2003	Dt : 19/10/2001					
00562/DELNP/2003	PCT/US01/28612	60/232,251 dt. 14/9/2000 USA.	United States of America	Beth Israel Deaconess Medical center, Inc., USA.	Modulation of IL-2 and IL-15 mediated T cell responses.	C12N 15/00
Dt : 16/04/2003	Dt : 14/09/2001					
00563/DELNP/2003	PCT/KR02/01610	53021/2001 dt. 30/8/2001 Korea.	Korea	Samsung Electronics Co. Ltd., Korea.	Power controlling method during a soft handoff in a mobile communication system.	H04B 7/26
Dt : 16/04/2003	Dt : 26/08/2002					
00564/DELNP/2003	PCT/NO01/00419	20005273 dt. 19/10/2000 Norway.	Norway	Energiutvikling As, Norway.	Windmill.	F03D 9/00
Dt : 16/04/2003	Dt : 18/10/2001					
00565/DELNP/2003	PCT/US02/25423	60/311,822 dt. 13/8/2001 USA	United States of America	Inductotherm Corp., USA.	Fault tolerant power supply circuit.	H02M3/315
Dt : 16/04/2003	Dt : 12/08/2002					
00566/DELNP/2003	PCT/US01/46290	60/242,083 & 60/246,843 dt. 20/10/2000 & 8/11/2000 USA.	United States of America	Wave Systems Corporation, USA.	Cryptographic data security system and method.	H04L 9/32
Dt : 16/04/2003	Dt : 19/10/2001					

00567/DELNP/2003	PCT/US01/30767	09/671,233 dt. 27/9/2000 US	United States of America	CorSci, LLC, USA.	Systems and methods for preventing and/or reducing corrosion in various articles.	C23F 11/02
Dt: 16/04/2003	Dt: 27/09/2001					
00568/DELNP/2003	PCT/US01/42429	09/693,293 dt. 20/10/2000 US	United States of America	Sachem Inc., USA.	Process for recovering onium hydroxides from solutions containing onium compounds.	C02F 1/42
Dt: 16/04/2003	Dt: 27/09/2001					
00569/DELNP/2003	PCT/EP01/12425	PR 1038 & PR 3424 dt. 26/10/2000 & 28/2/2001 Australia.	Ireland	Fournier Laboratories Ireland Limited, Ireland.	Combination of fenofibrate and coenzyme Q10 for the treatment of endothelial dysfunction.	A61K 31/215
Dt: 16/04/2003	Dt: 23/10/2001					
00570/DELNP/2003	PCT/GB01/04821	60/244,471, 60/246,229 & 60/348,449 dt. 31/10/2000, 6/11/2000 & 19/10/2001 USA.	Spain	Pharma Mar, S.A., Spain.		A61K 38/15
Dt: 16/04/2003	Dt: 31/10/2001					
00571/DELNP/2003	PCT/GB01/04170	0022862.7 dt. 18/9/2000 GB	United Kingdom	Tradingsports Limited, UK.	BET Matching system.	A63F
Dt: 16/04/2003	Dt: 18/09/2001					
00572/DELNP/2003	PCT/AU01/01345	PR 0923 dt. 20/10/2000 AU	Australia	Applied Biotechnologies Pty Ltd., Australia.	Rodent bait package formed from cellulose film.	B65D 65/46
Dt: 16/04/2003	Dt: 19/10/2001					

00573/DELNP/2003 Dt: 16/04/2003	PCT/IB01/001862 Dt: 08/10/2001	00130133.0 & 09/963,041 dt. 16/10/2000 & 25/9/2001 CN & US	United Kingdom	Horphag Research (UK) Ltd., UK.	A cigarette filter with scavenging effect on free radicals in cigarette smoke and its preparation method.	A24D 3/14
00574/DELNP/2003 Dt: 16/04/2003	PCT/US01/31627 Dt: 11/10/2001	09/698,858 & 09/966,734 dt. 27/10/2000 & 28/9/2001 US.	United States of America	The Ohio State University, USA.	Method and apparatus for controlling standing surface wave and turbulence in continuous casting vessel.	B22D 41/08
00575/DELNP/2003 Dt: 16/04/2003	PCT/IB01/02012 Dt: 26/10/2001	09/698,948 dt. 30/10/2000 USA	United States of America	UOP, LLC, USA.	Ethylene production by steam cracking of normal paraffins.	C10G 25/00
00576/DELNP/2003 Dt: 16/04/2003	PCT/US01/43481 Dt: 14/11/2001	60/248924 dt. 15/11/2000 USA	United States of America	The Procter & Gamble Company, USA.	Solventless synthesis of hydrophilic phenol ester derivatives.	C07C 303/32
00577/DELNP/2003 Dt: 16/04/2003	PCT/GB01/04687 Dt: 19/10/2001	0025670.1 dt. 19/10/2000 GB	United Kingdom	AKL Technologies Limited, UK.	Preparation for the relief of Disease.	A61K 35/00
00578/DELNP/2003 Dt: 16/04/2003	PCT/EP01/13624 Dt: 21/11/2001	09/718,690 dt. 22/11/2000 USA	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands.	Spent catalyst distributor.	C10G 11/12

00579/DELNP/2003 Dt: 16/04/2003	PCT/JP02/08892 Dt: 02/09/2002	2001-276258 dt. 12/9/2001 Japan.	Japan	Mikuniadec Corporation, Japan.	In-Tank type electromagnetic fuel pump.	F02M 37/10
00580/DELNP/2003 Dt: 16/04/2003	PCT/GB01/05166 Dt: 23/11/2001	2327161 dt. 30/11/2000 Canada.	United States of America	International Business Machine Corporation, USA.	Adaptive catalog page display.	G06F 17/30
00581/DELNP/2003 Dt: 16/04/2003	PCT/US01/45610 Dt: 23/10/2001	09/704,891 dt. 2/11/2000 USA	United States of America	UTC Fuel Cells, LLC, USA.	Method for increasing the operational efficiency of a fuel cell power plant.	H01M 8/00
00582/DELNP/2003 Dt: 17/04/2003	PCT/US01/11902 Dt: 11/04/2001	PCT/US00/28680 Dt: 17/10/2000 US.	United States of America	Honeywell International Inc., USA.	Devices and methods for chemical reactive filtration.	B01D 47/00
00583/DELNP/2003 Dt: 17/04/2003	PCT/US01/49938 Dt: 19/10/2001	60/242,110 dt. 20/10/2000 USA	United States of America	ABB Lummus Global, Inc., USA.	Improved zeolites and molecular sieves and the use thereof.	C01B 39/00
00584/DELNP/2003 Dt: 17/04/2003	PCT/EP01/11602 Dt: 08/10/2001	MI2000A002281 dt. 20/10/2000 Italy.	Italy	Gloria Maglieria Elastica S.R.L. Italy.	Compressive composite elastic stocking.	A61F 13/08

00585/DELNP/2003	PCT/SE01/02266	0003796.0 dt. 20/10/2000	Sweden	AstraZeneca AB, Sweden.	Apparatus and method for monitoring characteristics of pharmaceutical compositions during preparation in a fluidized bed.	G01N 21/33
Dt : 17/04/2003	Dt : 16/10/2001	Sweden.				
00586/DELNP/2003	PCT/FR01/03237	00/13544 dt. 23/10/2000	France	Crossject, France.	Needleless safety syringe of compact architecture.	A61M 5/30
Dt : 17/04/2003	Dt : 19/10/2001	France.				
00587/DELNP/2003	PCT/IT01/00514	TO00A000984 dt. 19/10/2000 Italy.	Italy	Telecom Italia S.p.A., Italy.	Module for generating circuits for decoding convolutional codes, related method and circuit.	H03M 13/29
Dt : 17/04/2003	Dt : 11/10/2001					
00588/DELNP/2003	PCT/GB01/04485	0025221.3 dt. 14/10/2000 UK.	Sweden	AstraZeneca AB, Sweden.	Process and intermediates for the production of 7- substituted antiestrogens.	C07J 31/00
Dt : 17/04/2003	Dt : 09/10/2001					
00589/DELNP/2003	PCT/GB02/00593	09/860,777 dt. 21/5/2001 USA	United Kingdom	ARM Limited, UK.	Locking source registers in a data processing apparatus.	G06F 9/38
Dt : 17/04/2003	Dt : 11/02/2002					

00590/DELNP/2003	PCT/FR01/02934	00/12107 dt. 22/9/2000 France.	France	Clarq International, France.	Device for producing a plasma, ionisation method use of said method and production processes using said device.	H05H 1/24
Dt : 17/04/2003	Dt : 20/09/2001					
00591/DELNP/2003	PCT/FR01/03164	00/13444 dt. 20/10/2000 France	France	Rieter Perfojet, France.	Installation for producing a spunbonded fabric web whereof the diffuser is distant from the drawing slot device.	D04H 3/16
Dt : 17/04/2003	Dt : 12/10/2001					
00592/DELNP/2003	PCT/US01/42895	60/245,184, 60/255,147 & 60/291,606 dt. 3/11/2000, 14/12/2000 & 18/5/2001 USA.	United States of America	Control Device Systems, USA.	Improved device and method for treating conditions of a joint.	A61K 47/30
Dt : 17/04/2003	Dt : 02/11/2001					
00593/DELNP/2003	PCT/US01/29350	09/663,958 dt. 19/9/2000 US.	United States of America	Cor/Sci, LLC, USA.	Doubly protected reinforcing members in concrete.	C23F 13/00
Dt : 17/04/2003	Dt : 19/09/2001					
00594/DELNP/2003	PCT/KR01/01271	2000-61962 dt. 20/10/2000 Korea.	Korea	TG Biotech Inc., Korea.	Isocitrate dehydrogenase, gene thereof and use of the same in the treatment of obesity, hyperlipidemia and fatty liver in lipid biosynthesis.	C12N 9/04
Dt : 17/04/2003	Dt : 26/07/2001					

## IN/PCT APPLICATION DETAILS

National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
00595/DELNP/2003 Dt : 21/04/2003	PCT/FR01/03183 Dt : 11/10/2001	00/13775 dt. 24/10/2000 France.	France	Junior Instruments, France.	Automatic pipetting device with rinsing.	G01N 35/10
00596/DELNP/2003 Dt : 21/04/2003	PCT/SE01/02309 Dt : 22/10/2001	0003927.1 dt. 27/10/2000 Sweden.	Sweden	Terraplay Systems AB, Sweden.	Communication infrastructure arrangement for multiuser.	H04L 12/18
00597/DELNP/2003 Dt : 21/04/2003	PCT/US01/31375 Dt : 09/10/2001	09/696,989 dt. 26/10/2000 USA	United States of America	The Gillette Company, USA.	Method and apparatus for making a shaving razor handle.	B26B 2/1/52
00598/DELNP/2003 Dt : 21/04/2003	PCT/US01/51251 Dt : 29/10/2001	09/715,688 dt. 17/11/2000 USA	United States of America	Seaquist Closures Foreign, Inc., USA.	Elastomeric Hinge for a closure lid.	B65D 39/00
00599/DELNP/2003 Dt : 21/04/2003	PCT/FI01/00952 Dt : 31/10/2001	09/704,578 dt. 3/11/2000 USA	Finland	Fortum OYJ, Finland.	Process for producing a fuel component.	C07C 2/08

00600/DELNP/2003	PCT/US01/32089	09/693,605 dt. 20/10/2000 USA	United States of America	Erucis, Inc., USA.	Hidden link dynamic key manager for use in computer systems with database structure for storage of encrypted data and method for storage and retrieval of encrypted data.	G06F 1/00
	Dt : 21/04/2003	Dt : 15/10/2001				
00601/DELNP/2003	PCT/KR02/01625	53348/2001, 66105/2001 & 75534/2001 dt.	Korea	Samsung Electronics Co. Ltd., Korea.	Apparatus and method for transmitting and receiving forward channel quality information in a mobile communication system.	H04B 7/26
	Dt : 21/04/2003	Dt : 29/08/2002				
00602/DELNP/2003	PCT/AU01/01353	PR 0926 & PR 7811 dt. 23/10/2000 & 21/9/2001 Australia.	Australia	PCTFILER Holdings Pty Ltd., Australia.	System and method of attracting and lodging PCT national phase applications.	G06F 17/60
	Dt : 21/04/2003	Dt : 23/10/2001				
00603/DELNP/2003	PCT/US01/30486	09/675,699 dt. 29/9/2000 US.	United States of America	Electronic Data Systems Corporation ("EDS"), US.	Method and system of real-time business collaboration.	G06F 17/60
	Dt : 21/04/2003	Dt : 28/09/2001				
00604/DELNP/2003	PCT/US01/32185	60/245,203 & 09/788,500 DT. 3/11/2000 & 21/2/2001 US.	United States of America	Contentguard Holdings, Inc., US.	Method and system for automatically publishing content.	G06F 17/60
	Dt : 21/04/2003	Dt : 17/10/2001				

00605/DELNP/2003 Dt : 21/04/2003	PCT/US01/30488 Dt : 28/09/2001	09/675,708 dt. 29/9/2000 US.	United States of America	Electronic Data Systems Corporation ("EDS"), US.	Computer system for maintaining persistent firewall-compliant connections.	H04L
00606/DELNP/2003 Dt : 21/04/2003	PCT/US01/31337 Dt : 05/10/2001	60/238,222 dt. 5/10/2000 USA.	United States of America	Temple University of the Commonwealth System of Higher Education, USA.	Substituted (E)-styryl benzylsulfones for treating proliferative disorders.	C07C 317/00
00607/DELNP/2003 Dt : 21/04/2003	PCT/US01/42673 Dt : 12/10/2001	09/688,071 dt. 14/10/2000 USA	United States of America	Calgene LLC, USA.	Nucleic acid sequences to proteins involved in Tocopherol synthesis.	C12N 9/00
00608/DELNP/2003 Dt : 21/04/2003	PCT/US01/27776 Dt : 19/10/2001	09/691,164 dt. 19/10/2000 USA	United States of America	Outlast Technologies Inc., US.	Temperature adaptable textile fibers and method of preparing same.	Not given
00609/DELNP/2003 Dt : 21/04/2003	PCT/EP01/12963 Dt : 09/11/2001	2327078 dt. 30/11/2000 Canada.	United States of America	International Business Machine Corporation, USA.	Secure session management and authentication for web sites.	H04L 29/00
00610/DELNP/2003 Dt : 21/04/2003	PCT/GB01/04526 Dt : 11/10/2001	0027388.8 dt. 9/11/2000 UK.	United Kingdom	Textron Fastening Systems Limited, UK.	Method of manufacturing a blind threaded insert.	B23P 15/00

00611/DELNP/2003 Dt : 21/04/2003	PCT/GB01/04729 Dt : 25/10/2001	0026505.8 & 60/275,066 dt. 30/10/2000 & 12/3/2001 UK.	United States of America	KuDOS Pharmaceuticals Limited, UK.	Phthalazinone derivatives.	C07D 237/32
00612/DELNP/2003 Dt : 22/04/2003	PCT/US01/51017 Dt : 19/10/2001	60/241,577, 60/258,861, 60/278,721 and 60/292,469 dt. 19/10/2000, 29/12/2000, 26/3/2001 and 25/5/2001.	Israel	Teva pharmaceutical industries, ltd., isreal.	Crystalline venlafaxine base and novel polymorphs of venlafaxine hydrochloride, processes for preparing thereof.	A61K
00613/DELNP/2003 Dt : 22/04/2003	PCT/US01/48720 Dt : 30/10/2001	60/244,283, 60/253,819, and 60/265,539 dt. 30/10/2000, 29/11/2000 and 31/1/2001.	Israel	Teva pharmaceutical industries, ltd, isreal.	Novel crystal and solvate forms of ondansetron hydrochloride and processes for their preparation.	A61K
00614/DELNP/2003 Dt : 22/04/2003	PCT/FR01/03256 Dt : 19/10/2001	00/13570 dt. 23/10/2000	France	Valois S.A.S., France.	A dispensing head and a fluid dispenser including such a dispensing head.	G01F 11/30
00615/DELNP/2003 Dt : 22/04/2003	PCT/SE01/02308 Dt : 22/10/2001	0003926.3 dt. 27/10/2000	Sweden	Terraplay Systems AB, Sweden.	Configuration of a flexible infrastructure.	H04L 9/32
00616/DELNP/2003 Dt : 22/04/2003	PCT/US01/31470 Dt : 10/10/2001	60/238,454 dt. 10/10/2000	United States of America	INTTRA INC, USA.	Common carrier system.	G06F 17/60

00617/DELNP/2003 Dt : 22/04/2003	PCT/US01/46060 Dt : 23/10/2001	09/694533 dt. 23/10/2000	United States of America	Incoe Corporation, USA.	Gas valve pin mechanism.	B29C 45/20
00618/DELNP/2003 Dt : 22/04/2003	PCT/US01/29542 Dt : 27/10/2000	PCT/US01/29542 dt. 27/10/2000	United States of America	UOP, LLC, USA.	Process and apparatus using plate arrangements for reactant heating and preheating.	B01J 19/24
00619/DELNP/2003 Dt : 22/04/2003	PCT/US01/50198 Dt : 23/10/2001	09/694,145 dt.: 23/10/2000	United States of America	Board of regents, The university of Texas system, USA.	Thienopyrimidine-based inhibitors of the src family.	C07D 495/04
00620/DELNP/2003 Dt : 23/04/2003	PCT/JP01/08355 Dt : 26/09/2001	2000-293518 & 60/256,918 dt. 27/9/2000 & 21/12/2000 Japan & USA.	Japan	Showa Denko K.K. Japan.	Process for producing fluorinated methyl-benzyl alcohol.	C07C 29/60
00621/DELNP/2003 Dt : 23/04/2003	PCT/FR01/03191 Dt : 15/10/2001	00/13691 & 01/09873 dt. 25/10/2000 & 24/7/2001 France.	France	Owoay, France.	Pair of Glasses with interchangeable lenses.	G02C 1/04
00622/DELNP/2003 Dt : 23/04/2003	PCT/EP01/12344 Dt : 22/10/2001	0026224.6 & 0111858.7 DT. 26/10/2000 & 15/5/2001 GB.	Great Britain	Smithkline Beecham P.L.C. GB.	Benzoxazinone derivatives, their preparation and use.	C07D 498/00
00623/DELNP/2003 Dt : 23/04/2003	PCT/JP01/09771 Dt : 08/11/2001	2000-351504 dt. 17/11/2000 Japan.	Japan	Mikuni Corporation, Japan.	Electronic control fuel injection device.	F02N 51/04

00624/DELNP/2003 Dt : 23/04/2003	PCT/AU01/01236 Dt : 03/10/2001	PR 0562 dt. 3/10/2000 Australia.	Australia	Telemedia Group Pty. Ltd., Australia.	Communication arrangement.	H04M 3/15
00625/DELNP/2003 Dt : 24/04/2003	PCT/JP02/08952 Dt : 03/09/2002	P2001-268100 dt. 4/9/2001 Japan.	Japan	Sony Corporation, Japan.	Information transmission apparatus, information transmission method, information reception apparatus and information reception method.	H03M 13/12
00626/DELNP/2003 Dt : 24/04/2003	PCT/US01/45497 Dt : 25/10/2001	09/697,858 dt. 27/10/2000 USA	United States of America	Milliken & Company, USA.	Thermal Textile.	D04H
00627/DELNP/2003 Dt : 24/04/2003	PCT/US01/45262 Dt : 24/10/2001	09/696,475 dt. 24/10/2000 USA	United States of America	The Boler Company, USA.	Dual volume air spring for suspensions.	F16F 9/04
00628/DELNP/2003 Dt : 24/04/2003	PCT/EP01/12292 Dt : 24/10/2001	100 54 036.8 dt. 31/10/2000 Germany.	Germany	Boehringer Ingelheim Pharma GmbH & Co. KG Germany	Inhalable formulation of a solution containing a tiotropium salt.	A61K 9/72
00629/DELNP/2003 Dt : 24/04/2003	PCT/US01/45375 Dt : 31/10/2001	60/244,665 & 09/732,234 DT. 31/10/2000 & 7/12/2000 USA.	United States of America	Regeneron Pharmaceuticals, Inc., USA.	Methods of modifying eukaryotic cells.	C12N 15/85

00630/DELNP/2003 Dt : 24/04/2003	PCT/IB01/01811 Dt : 02/10/2001	2000-304614 dt. 4/10/2000 Japan.	Japan	Toyota Jidosha Kabushiki Kaisha, Japan.	DC Power source with fuel cell.	H01M 8/00
00631/DELNP/2003 Dt : 24/04/2003	PCT/JP01/10616 Dt : 05/12/2001	PCT/JP01/10616 DT. 5/12/2001	Japan	Kinyosha Co. Ltd., Japan.	Manufacturing method of compressible printing layer and manufacturing method of blanket for printing.	B41N 10/02
00632/DELNP/2003 Dt : 24/04/2003	PCT/US02/08876 Dt : 21/03/2002	PCT/US02/08876 DT. 21/3/2002	United States of America	Garry Tsaar, USA.	Pressurized piston pusher.	B67D 5/42
00633/DELNP/2003 Dt : 25/04/2003	PCT/GB01/04309 Dt : 27/09/2001	0023639.8 & 0108535.6 dt. 27/9/2000 & 5/4/2001 GB.	United Kingdom	Frederick George Best, UK.	Improved edge insulation for vacuum insulation panels.	E04B 1/80
00634/DELNP/2003 Dt : 25/04/2003	PCT/EP01/12830 Dt : 06/11/2001	0027284.9 & 0030268.7 dt. 8/11/2000 & 12/12/2000 GB.	Switzerland	Syngenta Participations AG, Switzerland.	Pyroloxcarboxamides and pyroloxcarbothioamides and their agrochemical uses.	C07D 207/237
00635/DELNP/2003 Dt : 25/04/2003	PCT/EP01/12453 Dt : 26/10/2001	00/13888 dt. 27/10/2000 France.	Switzerland	Societe De Technologie Michelin, and other Switzerland.	Tyre building drum.	B29D 30/24

00636/DELNP/2003	PCT/US01/29613	09/699,917 dt. 30/10/2000	USA	United States of America	Milliken & Company, USA.	Cable assembly and method.	H02G 3/00
Dt : 25/04/2003	Dt : 21/09/2001						
00637/DELNP/2003	PCT/SE01/02362	2000 5469 dt. 30/10/2000	Norway.	Sweden	Technovobis AB, Sweden.	System and method for physiological drainage.	A61M 25/00
Dt : 25/04/2003	Dt : 26/10/2001						
00638/DELNP/2003	PCT/GB01/04904	0027047.0 & 0029969.3 dt. 6/11/2000 & 7/12/2000	GB.	Great Britain	Ineos Fluor Holdings Limited, GB.	Solvent extraction process.	B01D 11/00
Dt : 25/04/2003	Dt : 06/11/2001						
00639/DELNP/2003	PCT/IB02/03480	0120887.5 dt. 29/8/2001	US	India	Sahajanand Biotech Private Limited, India.	Local drug delivery system in coronary stents.	A61L 31/16
Dt : 25/04/2003	Dt : 28/08/2002						
00640/DELNP/2003	PCT/AU01/01383	PR 1054 dt. 27/10/2000	Australia.	Australia	Nauveau Technology Investments Ltd., Yandatu.	Processes and compositions for water treatment.	C02F 1/00
Dt : 25/04/2003	Dt : 26/10/2001						

## IN/PCT APPLICATION DETAILS

National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention.	IPC Classes
00641/DELNP/2003 Dt: 28/04/2003	PCT/GB01/04920 Dt: 06/11/2001	0027047.0 dt. 6/11/2000 UK	United Kingdom	Ineos Fluor Holdings Limited, UK.	Process for reducing the concentration of undesired compounds in a composition.	C11B 9/02
00642/DELNP/2003 Dt: 28/04/2003	PCT/US01/48225 Dt: 30/10/2001	60/244,292 dt. 30/10/2000 USA	United Republic of Tanzania	Baker Hughes Incorporated, USA.	Apparatus and method for preparing variable density drilling muds.	E21B 21/06
00643/DELNP/2003 Dt: 28/04/2003	PCT/IN00/00118/ Dt: 04/12/2000	PCT/IN00/00118 Dt: 4/12/2000	India	Council of Scientific & Industrial Research, India.	Antimicrobial activity of betel leaf extracts.	A61K 35/78
00644/DELNP/2003 Dt: 28/04/2003	PCT/IN00/00119 Dt: not given	PCT/IN00/00119 Dt: not given	India	Council of Scientific & Industrial Research, India.	Activity of extract of piper betle leaves against fishmania	A61K 38/78
00645/DELNP/2003 Dt: 28/04/2003	PCT/IN00/00127 Dt: 18/12/2000	PCT/IN00/00119 Dt: 18/12/2000	India	Council of Scientific & Industrial Research, India.	Use of Betel leaf extract to induce IFN-Gamma production from human peripheral Blood T cells as a Thi type Immunomodulator	A61K 35/78

00646/DELNP/2003	PCT/EP01/11255	100 48 153.1 dt. 28/9/2000	Germany	Klemm, Jorg, and other Germany.	Method and device for producing singulet oxygen.	C01B 13/02
Dt : 28/04/2003	Dt : 28/09/2001	Germany				
00647/DELNP/2003	PCT/US01/51021	09/698,453 dt. 27/10/2000 USA	United States of America	Colgate-Palmolive Company, USA.	Oral composition providing enhanced tooth stain removal.	A61K 7/28
Dt : 28/04/2003	Dt : 23/10/2001					
00648/DELNP/2003	PCT/US01/48075	60/244,424 dt. 30/10/2000 USA	Luxembourg	Euro-Celtique S.A., Luxembourg.	Controlled release hydrocodone formulations.	
Dt : 29/04/2003	Dt : 30/10/2001					
00649/DELNP/2003	PCT/EP01/12296	100 54 042.2 dt. 31/10/2000	Germany	Boehringer Ingelheim Pharma GmbH & Co., KG, Germany.	Inhalative solution formulation containing a tiotropium salt.	C07D 451/00
Dt : 29/04/2003	Dt : 24/10/2001	Germany.				
00650/DELNP/2003	PCT/CA01/01508	2324677 dt. 26/10/2000	Canada	Adjuvants Plus Inc., Canada.	Agrochemical formulation aid composition and uses thereof.	A01N 25/30
Dt : 29/04/2003	Dt : 26/10/2001	Canada.				
00651/DELNP/2003	PCT/JP01/08879	2000-347017 dt. 14/11/2000	Japan	Honda Giken Kogyo Kabushiki Kaisha, and other Japan.	Cam block and its manufacturing method.	F16H 53/02
Dt : 29/04/2003	Dt : 10/10/2001	Japan.				
00652/DELNP/2003	PCT/CA01/01584	60/252,956 dt. 24/11/2000	Canada	Alberta Research Council Inc., Canada.	Process for recovering methane and/or sequestering fluids in coal beds.	E21B 43/00
Dt : 29/04/2003	Dt : 20/11/2001	USA.				
00653/DELNP/2003	PCT/US01/50714	09/695,537 dt. 24/10/2000 US	United States of America	Banner Pharmacaps, Inc., USA.	Colored gelatin-based formulations and method.	A61K 9/48
Dt : 29/04/2003	Dt : 24/10/2001					

00654/DELNP/2003	PCT/IL01/00981	139234 & 60/266,732 dt. 24/10/2000 & 5/2/2001 IL & US.	Israel	-Mayer, Yaron, Israel.	Cellular phone that exposes the user's brain to much less microwave radiation than ordinary cellular phones with the help of a proxy (intermediary) device.	H04M
Dt : 29/04/2003	Dt : 24/10/2001					
00655/DELNP/2003	PCT/GB01/04849	0026902.7 dt. 3/11/2000 GB	United Kingdom	Foseco International limited, UK.	Mould for metal casting.	B22C 1/00
Dt : 29/04/2003	Dt : 31/10/2001					
00656/DELNP/2003	PCT/NZ01/00206	507386 dt. 9/10/2000 New Zealand.	New Zealand	Maximum Availability Limited, New Zealand.	Method and apparatus for data processing	G06F 17/30
Dt : 30/04/2003	Dt : 01/10/2001					
00657/DELNP/2003	PCT/US01/51403	60/243,581 dt. 26/10/2000 USA	Switzerland	Tularik Inc., and other Switzerland.	Antiinflammation agents.	A61K
Dt : 30/04/2003	Dt : 23/10/2001					
00658/DELNP/2003	PCT/FR01/03045	00/12678 dt. 4/10/2000 France.	France	Rhodianyl, France.	Process for manufacturing polyamides.	C08G 69/28
Dt : 30/04/2003	Dt : 03/10/2001					
00659/DELNP/2003	PCT/US01/45344	60/245,181 dt. 1/11/2000 USA.	United States of America	The Regents of the University of California, USA	Immunomodulatory peptides derived from heat shock proteins and uses thereof	C07K 7/00
Dt : 30/04/2003	Dt : 31/10/2001					
00660/DELNP/2003	PCT/US01/43451	60/252,233 dt. 20/11/2000 USA	United States of America	The Board of Trustees of the University of Illinois, USA	Membrane proteins	C07K
Dt : 30/04/2003	Dt : 20/11/2001					

00661/DELNP/2003	PCT/US01/32360	60/241,232 & 09/761,388 dt.	United States of America	CorSci, LLC, USA	Cathodic protection of steel in reinforced concrete with electroosmotic treatment.	C23F 13/00
Dt : 30/04/2003	Dt : 17/10/2001	18/10/2000 & 16/1/2001 US				
00662/DELNP/2003	PCT/US01/32349	60/241,225 & 09/761,387 dt.	United States of America	CorSci, LLC, USA	Cathodic protection of reinforced concrete with impregnated corrosion inhibitor.	C23F 13/00
Dt : 30/04/2003	Dt : 17/10/2001	18/10/2000 & 16/10/2001 US				
00663/DELNP/2003	PCT/US01/31964	09/696,806 dt.	United States of America	Electronic Data Systems Corporation, US	Method and system for organizing vendor information.	G06F 17/60
Dt : 30/04/2003	Dt : 11/10/2001	25/10/2000 US				
00664/DELNP/2003	PCT/US01/45501	60/243,848 dt.	United States of America	Translation Technologies, Inc., USA	Computational geometry system, interrupt interface, geometric model comparator, and method.	G06K 9/54
Dt : 30/04/2003	Dt : 30/10/2001	30/10/2000 USA				
00665/DELNP/2003	PCT/GB01/04934	0027274.0 dt.	Germany	Aae Technologies International plc, and other Germany.	Fuel Composition.	C10L 1/00
Dt : 30/04/2003	Dt : 08/11/2001	8/11/2000 UK				
00666/DELNP/2003	PCT/GB01/04947	0027273.2, 0027275.7 & 0027270.8 dt.	Germany	Aae Technologies International plc, and other Germany.	Fuel Composition.	C10L 1/10
Dt : 30/04/2003	Dt : 08/11/2001	8/11/2001 UK				
00667/DELNP/2003	PCT/US01/48532	60/255,634 dt.	United States of America	The Procter & Gamble Company, USA	Antimicrobial Quinolones.	C07D 401/04
Dt : 01/05/2003	Dt : 07/12/2001	14/12/2000 USA				

00668/DELNP/2003	PCT/US01/48535	60/255,628 dt. 14/12/2000 USA.	United States of America	The Procter & Gamble Company, USA.	Antimicrobial 2- pyridones, their compositions and uses.	C07D 455/02
Dt : 01/05/2003	Dt : 07/12/2001					
00669/DELNP/2003	PCT/AU01/01360	PR 0930 dt. 23/10/2000 Australia.	China	Transtar pacific limited, China.	Variable duration camshaft.	F01L 1/047.
Dt : 01/05/2003	Dt : 23/10/2001					
00670/DELNP/2003	PCT/US01/48597	60/255,045 dt. 12/12/2000 US.	United States of America	The Procter & Gamble Company, USA.	Application devices.	A61F 13/00
Dt : 01/05/2003	Dt : 07/12/2001					
00671/DELNP/2003	PCT/AU01/01361	PR 0931 dt. 23/10/2000 Australia.	China	Transtar pacific limited, China.	Variable duration valve timing camshaft.	F01L 1/047
Dt : 01/05/2003	Dt : 23/10/2001					
00672/DELNP/2003	PCT/US01/48536	60/255,633 dt. 14/12/2000 US.	United States of America	The Procter & Gamble Company, USA.	Cyclization process step in the making of quinolones and naphthyridines.	C07D 215/56
Dt : 01/05/2003	Dt : 07/12/2001					
00673/DELNP/2003	PCT/SE01/02436	0004066-7 dt. 7/11/2000 Sweden.	Sweden	Aneo AB, Sweden.	Arrangement in ventilatory treatment of the lungs.	A61M 16/00
Dt : 01/05/2003	Dt : 06/11/2001					
00674/DELNP/2003	PCT/JP01/08718	2000-305036, 2001-265573 & 60/255,915 dt. 4/10/2000, & 21/12/2000 3/9/2001 Japan & USA.	Japan	Showa Denko K.K. Japan.	Process for producing fluorinated dicyanobenzene.	C07C 253/30
Dt : 01/05/2003	Dt : 03/10/2001					

00675/DELNP/2003 Dt: 01/05/2003	PCT/FR01/03047 Dt: 03/10/2001	00/13152 dt. 13/10/2000 France.	France	Rhodia Polyamide Intermediates, France.	Hydrocyanation method for ethylenically unsaturated organic compounds.	C07C
00676/DELNP/2003 Dt: 01/05/2003	PCT/US01/46232 Dt: 25/10/2001	09/706,221 dt. 3/11/2000 USA	United States of America	Milliken & Company, USA.	Nonwoven material and method of producing the same.	D04H
00677/DELNP/2003 Dt: 01/05/2003	PCT/EP01/12161 Dt: 22/10/2001	100 54 274.3 dt. 2/11/2000 Germany.	Germany	Bayer Aktiengesellschaft, Germany.	Thermoplastic blends exhibiting an improved low-temperature strength.	C08L 51/04
00678/DELNP/2003 Dt: 01/05/2003	PCT/US01/13436 Dt: 24/04/2001	60/257,414 dt. 21/12/2000 USA.	United States of America	Fluor Corporation, USA.	Methods and apparatus for mixing fluids.	B01F 3/04
00679/DELNP/2003 Dt: 02/05/2003	PCT/AU01/01245 Dt: 04/10/2001	PR 0582, PR2497, PR3032, PR3159 & PR6469 dt. 6/10/2000, 12/1/2001, 12/2/2001, 19/2/2001 & 20/7/2001 Australia.	Australia	Bortolin, Peter, Australia.	Power Transmission apparatus.	F16H 1/32
00680/DELNP/2003 Dt: 02/05/2003	PCT/GB01/05042 Dt: 15/11/2001	0028108.9 dt. 17/11/2000 USA.	United Kingdom	Davy Process technology Limited, and other UK.	Method of operating a furnace.	C01B 3/38

00681/DELNP/2003 Dt: 02/05/2003	PCT/JP0/09492 Dt: 17/09/2002	P2001-283469 dt. 18/9/2001 Japan.	Japan	Sony Corporation, Japan	Video signal processing apparatus, video signal playback apparatus, and video signal recording apparatus.	H04N 5/91
00682/DELNP/2003 Dt: 02/05/2003	PCT/GB01/05140 Dt: 21/11/2001	00289551.2 dt. 28/11/2000 UK.	England	Stephen Anthony Gerard Chandler, England.	Routing algorithm for distributed telecommunication networks.	H04Q 7/20
00683/DELNP/2003 Dt: 02/05/2003	PCT/US01/43328 Dt: 20/11/2001	09/748,630 dt. 22/12/2000 USA.	United States of America	Seaquist Closures Foreign, Inc., USA.	Tamper-evident dispensing closure with partial breakaway cover.	B65D 43/16
00684/DELNP/2003 Dt: 02/05/2003	PCT/GB01/04572 Dt: 15/10/2001	0025694.1 dt. 19/10/2000 UK.	England	University College London, England.	Vaccine.	A61K 39/39
00685/DELNP/2003 Dt: 02/05/2003	PCT/FR01/03217 Dt: 17/10/2001	00402875.9 dt. 17/10/2000 Europe.	France	Martine Naillon, France.	Method for monitoring a decision-making process when pursuing an objective in a specific field of application such as economic, technical, organisational or the like.	G06N
00686/DELNP/2003 Dt: 02/05/2003	PCT/US01/45181 Dt: 30/10/2001	09/705,173 dt. 2/11/2000 USA	United States of America	The gates corporation, USA.	Belt Installation tool.	F16H 7/24

00687/DELNP/2003 Dt: 02/05/2003	PCT/US01/51174 Dt: 29/10/2001	09/725,741 dt. 29/11/2000 USA	United States of America	Seaquist Closures Foreign, Inc., USA.	Thread formation for closure structures.	B65D
00688/DELNP/2003 Dt: 02/05/2003	PCT/US01/46001 Dt: 31/10/2001	09/704,903 & 09/867,933 dt. 21/11/2000 & 29/5/2001 USA.	United States of America	The gates corporation, USA.	Belt Installation tool.	F15H 7/24
00689/DELNP/2003 Dt: 02/05/2003	PCT/US01/47513 Dt: 08/11/2001	60/247,078 & 60/286,298 dt. 10/11/2000 & 25/4/2001 US.	United States of America	BKI Holding Corporation, USA.	Cellulose fibers having low water retention value and low capillary desorption pressure.	D21H 11/20
00690/DELNP/2003 Dt: 02/05/2003	PCT/NO01/00441 Dt: 05/11/2001	20005604 dt. 6/11/2000 Norway.	Norway	Karlsen, Helge Idar, Norway.	Device by an antenna.	H01Q 7/08
00691/DELNP/2003 Dt: 02/05/2003	PCT/KR01/01139 Dt: 04/07/2001	2000-67601 dt. 15/11/2000 Korea.	Korea	Mobilitop Co. Ltd., Korea.	Advertisement method using download time of hand-held terminal.	H04Q 7/24
00692/DELNP/2003 Dt: 02/05/2003	PCT/EP01/13011 Dt: 09/11/2001	MI2000A002418 dt. 9/11/2000 Italy	United States of America	Dow Global Technologies Inc., USA.	Process for producing rigid polyurethane foams and finished articles obtained therefrom.	C08G 18/40
00693/DELNP/2003 Dt: 02/05/2003	PCT/GB01/05031 Dt: 15/11/2001	0027929.9 dt. 15/11/2000 UK.	United Kingdom	Cambridge University Technical Services Limited, UK.	Metal and alloy powders and powder fabrication.	C22B 4/00
00694/DELNP/2003 Dt: 02/05/2003	PCT/GB01/05034 Dt: 15/11/2001	0027930.7 dt. 15/11/2000 UK.	United Kingdom	Cambridge University Technical Services Limited, UK.	Intermetallic compounds.	C25C 5/04

## INVENT APPLICATION DETAILS

National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
00695/DELNP/2003 Dt : 05/05/2003	PCT/EP01/13180 Dt : 13/11/2001	PI2000A000075, PI2000A000081 & PI2001A000039 dt, 16/11/2000, 15/12/2000 & 14/5/2001 Italy.	Italy	C.D.C. S.R.L., Italy.	Apparatus and method for integrating voice and data transmission on lans and automatic least cost routing.	H04L 23/00
00696/DELNP/2003 Dt : 05/05/2003	PCT/US01/50135 Dt : 09/11/2001	09/710,692 dt. 10/11/2000 USA.	United States of America	Vasomedical, Inc., USA.	High efficiency external counterpulsation apparatus and method for controlling same.	A61H 23/04
00697/DELNP/2003 Dt : 05/05/2003	PCT/GB01/05072 Dt : 19/11/2001	0028092.5 dt 17/11/2000 GB.	Great Britain	Eastgate Investments Limited, Bermuda.	Magnetic logic elements.	H03K 19/18
00698/DELNP/2003 Dt : 05/05/2003	PCT/US01/50135 Dt : 09/11/2001	09/710,692 dt 10/11/2000 USA.	United States of America	Vasomedical, Inc., USA.	High efficiency external counterpulsation apparatus and method for controlling same.	A61H 23/04
00699/DELNP/2003 Dt : 05/05/2003	PCT/US01/43947 Dt : 05/11/2001	60/245,897 dt. 3/11/2000 USA	Israel	Teva Pharmaceutical Industries Ltd., Israel.	Atorvastatin Hemi-calcium form VII.	A61K
00700/DELNP/2003 Dt : 05/05/2003	PCT/US01/42783 Dt : 26/10/2001	60/244,891 dt. 2/11/2000 USA	Israel	Teva Pharmaceutical Industries Ltd., Israel.	improved process for production of gabapentin intermediate.	C07C 233/00

00701/DELNP/2003	PCT/US01/50639	60/249,319,60/312,144 & 60/326,529 dt. 16/11/2000, 13/8/2001 & 1/10/2001 USA.	Israel	Teva Pharmaceutical Industries Ltd., Israel.	Hydrolysis of [R(R*,R*O)]- 2-(4-fluorophenyl)-bita,- dihydroxy-5-(1- methylethyl)-3-phenyl-4- [phenylamino]carbonyl]- 1H-pyrrole-1-heptanoic acid esters with calcium hydroxide.	C07D 403/06
Dt : 05/05/2003	Dt : 24/10/2001					
00702/DELNP/2003	PCT/CU01/00007	CU 242/2000 dt. 3/11/2000 Cuba.	Cuba	Centro De Ingenieria Genetica Y Biotechnologia, Cuba.	Method. for obtaining antigenic structures enhancing specific cross reactivity.	A61K 39/12
Dt : 05/05/2003	Dt : 01/11/2001					
00703/DELNP/2003	PCT/CN01/01531	00130385.6 dt. 3/11/2000 China.	China	China Petroleum & Chemical Corporation, and other China	Toughened plastics and its preparation methods.	not given
Dt : 05/05/2003	Dt : 05/11/2001					
00704/DELNP/2003	PCT/FR01/03584	00.14803 dt. 16/11/2000 France.	France	Ethypharm, France.	Microgranules based on active principle and method for making same.	A61K 9/16 s
Dt : 05/05/2003	Dt : 15/11/2001					
00705/DELNP/2003	PCT/US01/31075	60/250,317 dt. 30/11/2000 USA	United States of America	Exxonmobil Chemical Patents, Inc., USA.	Bimetallic catalyst for producing polyethylene resins with bimodal molecular weight distribution, its preparation and use.	C08F 10/02
Dt : 06/05/2003	Dt : 04/10/2001					
00706/DELNP/2003	PCT/GB01/04902	60246.233, 60/248,095 & 60/345,982 dt. 6/11/2000, 13/11/2000 & 19/10/2001 USA.	Spain	Pharma Mar, S.A., Spain.	A synergistic composition for effective antitumour treatments.	A61K 35/00
Dt : 06/05/2003	Dt : 06/11/2001					

00/07/DELNP/2003	PCT/JP02/05412	2001-167965 & 2001-219371 dt. 4/6/2001 & 19/7/2001 Japan.	Japan	Matsushita Electric Industrial Co., Ltd., Japan.	Recording apparatus, recording medium, playback apparatus, program and method.	G11B 27/00
Dt : 06/05/2003	Dt : 03/06/2002					
00708/DELNP/2003	PCT/IL01/00933	138926 & 09/781,548 dt. 6/10/2000 & 13/2/2001 Israel & USA.	United States of America	Notal Vision Inc., USA.	Methods devices and systems for detecting eye disease.	A61B 13/00
Dt : 06/05/2003	Dt : 07/10/2001					
00709/DELNP/2003	PCT/IB01/02764	00/14534 dt. 13/11/2000 France.	France	Dacral, France.	Use of MoO <sub>3</sub> as corrosion inhibitor, and coating composition containing such an inhibitor.	C09D 5/08
Dt : 07/05/2003	Dt : 12/11/2001					
00710/DELNP/2003	PCT/US01/50724	60/241,896 dt. 20/10/2000 USA.	United States of America	The Administrators of the Tulane Educational Fund, and other USA.	Urotensin-II agonists and antagonists.	C07K 7/00
Dt : 07/05/2003	Dt : 19/10/2001					
00711/DELNP/2003	PCT/IB01/01942	60/241,825 dt. 19/10/2000 US.	United States of America	Pfizer Inc., USA.	EP4 receptor inhibitors to treat rheumatoid arthritis.	A61K 31/4178
Dt : 07/05/2003	Dt : 15/10/2001					
00712/DELNP/2003	PCT/IB01/02105	0024909.4 dt. 11/10/2000 GB.	Australia	Springer, Johann. Australia.	Drill string member.	E21B 17/16
Dt : 07/05/2003	Dt : 09/01/2001					
00713/DELNP/2003	PCT/US01/02044	09/705,860; 09/706,285; and 09/705,839 all the dt. 3/11/2000 USA.	United States of America	UOP, LLC, USA.	Uzm-5, uzm-5p and uzm-6; crystalline aluminosilicate zeolites and processes using the same.	C01B 39/06
Dt : 07/05/2003	Dt : 31/10/2001					

00714/DELNP/2003	PCT/IB01/02051	09/705,653 dt. 3/11/2000 USA.	United States of America	UOP, LLC, USA.	Crystalline aluminumsilicate zeolitic composition: uzsm-4 and processes using the composition.	C01B 39/48
Dt : 07/05/2003	Dt : 01/11/2001					
00715/DELNP/2003	PCT/CU01/00008	CU 0247/2000 dt. 7/11/2000	Cuba	Centro nacional de investigaciones científicas, Cuba	Process for rapid microorganism typing and associated kit of reagents.	C12N 1/00
Dt : 07/05/2003	Dt : not given					
00716/DELNP/2003	PCT/US01/47516	09/712,680 & 09/911,027 dt. 14/11/2000, 23/7/2001 USA.	United States of America	Air Products and Chemicals, Inc., USA.	Apparatus and method for transferring a cryogenic fluid.	F17C 9/00
Dt : 07/05/2003	Dt : 08/11/2001					
00717/DELNP/2003	PCT/JP01/10252	2000-356997 dt. 24/11/2000 Japan.	Japan	Meiji Seika Kaisha, Ltd., Japan.	Novel carbapenem derivatives.	C07D 519/00
Dt : 08/05/2003	Dt : 22/11/2001					
00718/DELNP/2003	PCT/FR01/03903	00/16071 dt. 11/12/2000 France.	France	Sanofi-Synthelabo, France.	Pharmaceutical dronedarone composition for parenteral administration.	A61K 9/08
Dt : 08/05/2003	Dt : 10/12/2001					
00719/DELNP/2003	PCT/US01/49708	60/246,868 dt. 8/11/2000 USA.	United States of America	Albert Einstein College of Medicine of Yeshiva University, USA.	Methods for inhibiting proliferation of astrocytes and astrocytic tumor cells and uses thereof.	A61K 31/70
Dt : 08/05/2003	Dt : 07/11/2001					
00720/DELNP/2003	PCT/FR01/03484	00/1446 DT. 10/11/2000 France.	France	Denis Delbarre, France.	Keg for tapping liquids under the effect of pressure.	B65D 8/02
Dt : 08/05/2003	Dt : 09/11/2001					

00721/DELNP/2003 Dt : 08/05/2003	PCT/AU01/01450 Dt : 09/11/2001	PR 1434 dt. 13/11/2000 Australia.	United States of America	USF Filtration and Separations Group Inc., USA.	Modified membranes.	B01D 69/02
00722/DELNP/2003 Dt : 09/05/2003	PCT/IB01/01874 Dt : 09/10/2001	2000/5508 dt. 9/10/2000 ZA. and 60/239,060 dt. 9/10/2000 US.	South Africa	Sasol Technology (Pty) limited, Republic of South Africa.	Separation of oxygenates from a hydrocarbon stream.	C10G 21/04
00723/DELNP/2003 Dt : 09/05/2003	PCT/EP01/13140 Dt : 11/12/2001	0027784.8 and 0031082.1 dt 14/11/2000 and 20/12/2000 GB	Great Britain	Smithkline Beecham P.L.C, GB.	Tetrahydrobenzazepine derivatives useful as modulators of dopamine D3-receptors (antipsychotic agents);	C07D 403/12
00724/DELNP/2003 Dt : 09/05/2003	PCT/EP01/12883 Dt : 07/11/2001	00/14517 dt. 9/11/2000 France.	France	Societe De Technologie Michelin, and other France.	Catalytic system and method for preparing elastomers using same.	C08F 136/08
00725/DELNP/2003 Dt : 09/05/2003	PCT/US02/37544 Dt : 24/10/2001	09/712,075 dt. 14/11/2000 US.	United States of America	Milliken & Company, USA.	Moldable composite material and method of producing same.	B32B 5/14
00726/DELNP/2003 Dt : 09/05/2003	PCT/EP01/12489 Dt : 29/10/2001	00/14677 dt. 13/11/2000 France.	France	Societe De Technologie Michelin, and other France.	Synthetic polyisoprenes and a process for their preparation.	C08F 136/08

## IN/PCT APPLICATION DETAILS

National Phase Application No. & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
00727/DELNP/2003 Dt: 12/05/2003	PCT/US01/32140 Dt: 12/10/2001	60/240,285, 60/275,289 & 60/299,987 dt. 13/10/2000, 13/3/2001 & 21/6/2001 USA.	United States of America	Biogen, Inc., USA.	Humanized anti-Lt-bita-R-antibodies.	C07K 16/28
00728/DELNP/2003 Dt: 12/05/2003	PCT/US01/43458 Dt: 06/11/2001	09/713,371 dt. 14/11/2000 USA.	United States of America	Koch-Glitsch, Lp, USA.	Improved random packing element.	B01J 19/00
00729/DELNP/2003 Dt: 12/05/2003	PCT/FR01/03706 Dt: 23/11/2001	00/15337 dt. 24/11/2000 France.	France	Valois S.A.S., France.	A fluid dispenser device.	A61M 15/00
00730/DELNP/2003 Dt: 12/05/2003	PCT/EP01/15408 Dt: 04/12/2001	00/15998 dt. 8/12/2000 France.	Luxembourg	Tebro S.A., Luxembourg.	A fluid or powder dispenser device.	B05B 11/06
00731/DELNP/2003 Dt: 12/05/2003	PCT/FR01/03665 Dt: 21/11/2001	00/15158 dt. 22/11/2000 France.	France	Sanofi-Synthelabo, France.	3-Arylindole derivatives and their use as CB2 receptor agonists.	C07D 209/12
00732/DELNP/2003 Dt: 12/05/2003	PCT/CA01/01413 Dt: 05/10/2001	2,323,164 dt. 11/10/2000 Canada.	United States of America	Soma Networks, Inc., USA.	Method and apparatus for improving reception in multiple access communication systems.	H04B 1/707

00733/DELNP/2003 Dt: 12/05/2003	PCT/IB01/02144 Dt: 14/11/2001	09/711,529 dt. 14/11/2000 US	United States of America	Alberto G. Dominge, Mexico.	Inertial exerciser device, method of assembly, and method of exercising therewith.	A63B 21/00
00734/DELNP/2003 Dt: 12/05/2003	PCT/AU01/01459 Dt: 09/11/2001	PR 1412 dt. 13/11/2000 Australia.	Australia	Holly, John Anthony, et al Australia.	Directional microphone.	H04R 19/04
00735/DELNP/2003 Dt: 12/05/2003	PCT/JP01/08456 Dt: 27/09/2001	PCT/JP01/08456 DT. 27/9/2001	Japan	Kinyosha Co. Ltd., Japan.	Compressible printing blanket and method of manufacturing a compressible printing blanket.	B41N 10/02
00736/DELNP/2003 Dt: 13/05/2003	PCT/DE01/04422 Dt: 20/11/2001	100 58 578.7 dt. 20/11/2000 Germany.	Germany	NovalED GmbH, Germany.	Light emitting component comprising organic layers.	H01L 51/20
00737/DELNP/2003 Dt: 13/05/2003	PCT/US01/03227 Dt: 31/01/2001	PCT/US01/03227 DT. 31/1/2001	United States of America	Magic Earth, inc., US.	System and method for analyzing and imaging an enhanced three- dimensional volume data set using one or more attributes.	G01V 1/30
00738/DELNP/2003 Dt: 13/05/2003	PCT/GB01/05075 Dt: 16/11/2001	00 27997.6 dt. 16/11/2000 GB	Great Britain	Torotrak [Development] Limited, GB.	Control system and method for a continuously variable transmission.	F16H 61/00
00739/DELNP/2003 Dt: 13/05/2003	PCT/GB01/05241 Dt: 28/11/2001	60/253,091 dt. 28/11/2000 USA	United Kingdom	Fosroc Mining International Limited, UK.	Cement-containing compositions and method of use.	C04B 28/26
00740/DELNP/2003 Dt: 13/05/2003	PCT/US01/32418 Dt: 18/10/2001	09/709,307 dt. 13/11/2000 USA	United States of America	Energy & Communication Solutions, LLC, USA.	High frequency energy application to petroleum feed processing.	C07C 1/00

00741/DELNP/2003 Dt: 13/05/2003	PCT/US02/06103 Dt: 28/02/2002	09/849,058 dt. 4/5/2001 USA	United States of America	Farrel Corporation, USA.	Four wing, non- intermeshing rotors for synchronous drive to provide improved dispersive and distributive mixing in internal batch mixers.	B01F 7/08
00742/DELNP/2003 Dt: 13/05/2003	PCT/SE01/02554 Dt: 19/11/2001	0004231.7 dt. 17/11/2000 Sweden.	Sweden	Jacob Weitman, Sweden.	Applications for a mobile digital camera, that distinguish between text and image-information in an image.	G06K 9/60
00743/DELNP/2003 Dt: 13/05/2003	PCT/SG01/00240 Dt: 28/11/2001	09/726,286 dt. 30/11/2000 USA	Singapore	Imajet Communication Inc., Singapore.	A unified distributed architecture for a multi- point video conference and interactive broadcast systems.	H04N 7/15
00744/DELNP/2003 Dt: 13/05/2003	PCT/US01/42757 Dt: 16/10/2001	60/241,069 dt. 16/10/2000 USA	United States of America	NeoPharm, Inc., USA.	Liposomal formulation of mitoxantrone.	A61K 9/127
00745/DELNP/2003 Dt: 14/05/2003	PCT/US02/31104 Dt: 27/09/2002	09/973,618 dt. 9/10/2001 USA	United States of America	Albany International Corp., USA.	Seam for a corrugator belt.	B31F 1/28
00746/DELNP/2003 Dt: 14/05/2003	PCT/EP01/13614 Dt: 22/11/2001	MI 2000.A 002553 dt. 28/11/2000 Italy.	Italy	Indena S.P.A., Italy.	A process for the preparation of taxan derivatives.	C07D 493/10
00747/DELNP/2003 Dt: 14/05/2003	PCT/CH01/00669 Dt: 15/11/2001	00811094.2 dt. 17/11/2000 Europe	Switzerland	Haag-Streit AG, Switzerland.	Device and method for examining and/or treating an eye.	A61B 3/16

00748/DELNP/2003	PCT/GB01/05069	028122.0 dt. 17/11/2000 UK.	England	Helperby Therapeutics Limited, England.	M. Tuberculosis chaperonin 60.1 and uses thereof.	A61K 31/711
Dt. 14/05/2003	Dt. 16/11/2001					
00749/DELNP/2003	PCT/GB01/05084	0028122.0 dt. 17/11/2000 UK.	England	Helperby Therapeutics Limited, England.	M. Tuberculosis chaperonin 10 and uses thereof.	A61K 31/711
Dt. 14/05/2003	Dt. 16/11/2001					
00750/DELNP/2003	PCT/US01/51647	60/252,508 dt. 22/11/2000 USA	United States of America	Smithkline Beecham Corporation, USA	Protease inhibitors.	C07K 14/00
Dt. 14/05/2003	Dt. 19/11/2001					
00751/DELNP/2003	PCT/FR02/03130	01/11917 dt. 14/9/2001	France	A S K S.A., France	Modulator for electromagnetic signals transmitted by a contactless transmission/reception system.	G06K 7/00
Dt. 14/05/2003	Dt. 13/09/2002					
00752/DELNP/2003	PCT/FR02/03129	01/11918 & 02/02161 dt. 14/9/2001 & 20/2/2002	France	A S K S.A., France	Contactless or hybrid contact-contactless smart card with reinforced connection of the electronic module.	G06K 19/077
Dt. 14/05/2003	Dt. 13/09/2002					
00753/DELNP/2003	PCT/US00/29835	PCT/US00/29835 DT. 30/10/2000	United States of America	Magic Earth L.L.C., US.	System and method for analyzing and imaging three-dimensional volume data sets.	G06T 15/00
Dt. 14/05/2003	Dt. 30/10/2000					
00754/DELNP/2003	PCT/KR01/02005	PCT/KR01/02005 DT. 21/11/2001	Korea	Park, Hyung, Sik, KR.	Switch Unit.	H01H 9/16
Dt. 14/05/2003	Dt. 21/11/2001					

00755/DELNP/2003 PCT/CA01/01474	2,323,900 & 09/722,500 dt. 19/10/2000 & 28/11/2000 Canada & USA	United States of America	Soma Networks, Inc., USA	Telecommunication architecture.	H04Q 3/00
00756/DELNP/2003 PCT/EP01/13992	001267715 & 01118888.5 dt. 6/12/2000 & 17/8/2001 EP	Netherlands	Applied Research Systems ARS Holding N.V., Netherlands	Use of SARP-1 for the treatment and/or prevention of scleroderma.	C07K 14/52
00757/DELNP/2003 PCT/US02/18416	60/298,386 dt. 18/6/2001 09/923,332 dt. 8/8/2001 US	United States of America	Appleton Papers Inc., US	Insulated beverage or food container.	B65D 3/22
00758/DELNP/2003 PCT/US02/17747	60/298,386 dt. 18/6/2001 09/923,332 dt. 8/8/2001 US	United States of America	Appleton Papers Inc., US	Insulated beverage or food container.	B65D 81/38
00759/DELNP/2003 PCT/KR02/01740	57622/2001 dt. 18/9/2001 Korea	Korea	Samsung Electronics Co.Ltd., Korea	Apparatus and method for calculating soft decision value input to channel decoder in a data communication system.	H04L 27/34
00760/DELNP/2003 PCT/KR02/01519	2001-47849 & 2001-82328 dt. 9/8/2001 & 21/12/2001 Korea	Korea	POSCO ET AL Republic of KOREA	Byproduct sludge recycling apparatus in ironmaking system.	C21B 13/00
00761/DELNP/2003 PCT/JP01/10230	2000-355997 dt. 22/11/2000 Japan	Japan	Otsuka Pharmaceutical Co., Ltd., Japan.	OW emulsion composition and method for preparation thereof.	A61K 7/00

00/62/DELNP/2003	PCT/EP01/15132	00 128 252.4 dt. 21/12/2000 Europe.	Germany	Boehringer Ingelheim Pharma GmbH & Co., KG., Germany.	Use of activated coagulation factor VII for treating thrombolytic therapy-induced major bleedings.	A61K 38/48
Dt: 19/5/2003	Dt: 20/12/2001					
00763/DELNP/2003	PCT/FR01/03724	00/15263 dt. 27/11/2000 France.	France	Ceca S.A., France.	Electrochemical double- layer energy storage cells with high energy density and high power density.	H01G 9/058
Dt: 19/5/2003	Dt: 26/11/2001					
00764/DELNP/2003	PCT/JP02/01487	P2001-043751 dt. 20/2/2001 Japan.	Japan	Sumitomo Electric Industries, Ltd., Japan.	Coated optical fiber, and coated optical fiber ribbon and optical fiber unit using the same.	C03C 25/26
Dt: 19/5/2003	Dt: 20/2/2002					
00765/DELNP/2003	PCT/US00/41176	PCT/US00/41176 DT: 16/10/2000	United States of America	Drivater Inc., USA.	Tube delivery system and method.	A01G 29/00
Dt: 19/5/2003	Dt: 16/10/2000					
00766/DELNP/2003	PCT/IB01/02096	60/246,792	United States of America	Prometic Biosciences, Inc., Canada	Method for the treatment of inflammation	A61K 31/695
Dt: 19/5/2003	Dt: 8/11/2001	Dt: 8/11/2000				
00767/DELNP/2003	PCT/AU01/01560	PR 1845	Australia	Drug Delivery Solutions Pty. Ltd.	Dispensing Device	A61D 7/00
Dt: 19/05/2003	Dt: 30/11/2001	Dt: 01/12/2000				
00768/DELNP/2003	PCT/EP01/14628	00132107.2 Dt: 13/12/2000, AU	China	Walcom Animal Science (I.P.2) Limited, Hongkong	Composition for regulating animal growth, method of manufacture and use thereof	C07D 213/00
Dt: 19/5/2003	Dt: 12/11/2001					
00769/DELNP/2003	PCT/GB01/05243	0028935.5 DT: 28/11/2000, UK	United Kingdom	Swivel Technologies Limited, United Kingdom	Secure file transfer method and system	H04L 29/06
Dt: 19/5/2003	Dt: 28/11/2001					
00770/DELNP/2003	PCT/CU01/00009	GU279/2000 DT: 1/12/2000, CU	Cuba	Centru De Ingenieria Genetica Y. Biotecnologia, Cuba	Method for obtaining antigenic molecular aggregates and the use thereof in formulations	Not given
Dt: 19/5/2003	Dt: 29/11/2001					
00771/DELNP/2003	PCT/AU01/01306	PR 0813 DT: 18/10/2000, AU	Australia	Winchester Global Pty Ltd., Australia	A filtering device.	B01D 27/07
Dt: 19/5/2003	Dt: 18/10/2001					
00772/DELNP/2003	PCT/FR01/03709	FR 0015238 Dt: 24/11/2000, FR.	France	CTIBM, France	A Grinder Body Presenting concave portions.	B02C 17/20
Dt: 19/5/2003	Dt: 23/11/2001					

## Alteration of Date

Patent No. 191012 Date of filing 06/09/1995

Application No. 829/DEL/90 Ante-dated to 20-08-90.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

## अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन, साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथासंशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

Ind.Cl : 10 B 190921  
Int.Cl<sup>4</sup> : G 08 B 3/00  
Title : INITIATING ELEMENT FOR NON-PRIMARY EXPLOSIVE  
DETONATORS.  
Applicant : 1. NITRO NOBEL AB OF GYTTO RP, S-713 82 NORA SWEDEN,  
2. SAFETY & ENVIRONMENTAL PROTECTION RESEARCH  
INSTITUTE, OF RENJIA ROAD, QINGSHAN DISTRICT, WUHAN  
430081, PEOPLE'S REPUBLIC OF CHINA.  
3. CHINA METALLURGICAL IMPORT AND EXPORT  
CORPORATION, 46, DONGSI XIDAJIE, BEIJING 100711, PEOPLE'S  
REPUBLIC OF CHINA.  
Inventor : 1. VIDON LINDQVIST.  
2. LARS-GUNNAR LOFGREN.  
3. TORD OLSSON.  
Application no. 827/CAL/89 FILED ON 05.10.1989.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**23 CLAIMS.**

An initiating element structure for use in detonator of non-primary explosive type comprising a confinement containing secondary explosive, having a first end adapted for ignition of the secondary explosive by igniting means, optionally via delay and flame-conducting pyrotechnic compositions, a second end adapted for delivering a detonation impulse and an intermediate portion in which the secondary explosive upon ignition is able to undergo a deflagration to detonation transition, characterized in that at least a part of the secondary explosive is in the form of particles of granulated explosive crystals of sizes as herein described and/or have an addition of a reaction catalyst, in order to give increased reaction rates at low pressures.

**Complete Specification : 23 pages.**

**Drawing : NIL**

Ind.Cl : 9 E **190922**  
Int.Cl<sup>4</sup> : C 22 B 1/02 , C 22 C 38/28  
Title : A PROCESS FOR PRODUCING PURIFIED TITANIFEROUS MATERIAL  
Applicant : TECHNOLOGICAL RESOURCES PTY LIMITED, OF 55 COLLINS  
STREET LTD, MELBOURNE VICTORIA 3000, AUSTRALIA.  
Inventor 1. JOHN MICHAEL HOLLIH.  
2. ALEXANDER ROSS MCCLELLAND.  
3. ROGER JOHN TUFFLEY.

Application no. 462/CAL/93 FILED ON 13.08.1993.

(CONVENTION NOS. PL 4105 FILED ON 14.08.1992 AND PL 7193 FILED ON 10.02.1993  
IN AUSTRALIA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**15 CLAIMS.**

A process for producing purified titaniferous material, such as herein described, which comprises the steps of :

- I. Heating said titaniferous material to a temperature between 1000<sup>0</sup>C and 1300<sup>0</sup>C to produce a solid titaniferous phase and a liquid oxide or glassy phase in the presence of one or more compounds/additives, such as herein described , which facilitates the formation of the liquid oxide or glassy phase;
- II. Cooling the product of step (i) to form a solidified material comprising the titaniferous phase and an impurity bearing phase, and
- III. Leaching the solidified material with an acid or alkaline leachant such as herein described to leach out the impurities.

***Complete Specification : 22 · pages.***

***Drawing : NIL.***

Ind.CI : 33 (D) **190923**  
Int.CI<sup>4</sup> : B 22 D 11/06  
Title : A METHOD OF CONTINUOUSLY CASTING STEEL STRIP.  
Applicant : 1. ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES COMPANY  
LIMITED, OF 2-1, OHTEMACHI, 2-CHOME, CHIYODA-KU, TOKYO,  
JAPAN.  
2. BHP STEEL (JLA) PTY LTD. OF 600 BOURKE STREET,  
MELBOURNE, VICTORIA 3000, AUSTRALIA.  
Inventor : 1. MASSOUD ASSEFPOUR-DEZFULLY.  
2. KENNETH MICHAEL BROWNE.

Application no. 230/CAL/96 FILED ON 08.02.1996

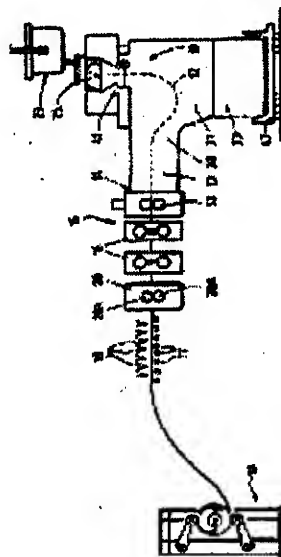
(CONVENTION NO. PN 1014 FILED ON 10.02.1995 IN AUSTRALIA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**14 CLAIMS.**

A method of continuously casting steel strip comprising supporting a casting pool (30) of molten steel on one or more chilled casting surfaces (22A) : moving the chilled casting surface or surfaces to produces a solidified strip (12) moving away from the casting pool; guiding the solidified strip (12) through an enclosure (37); sealing the enclosure (37) to restrict ingress of oxygen containing atmosphere; characterized by causing oxidation of the strip (12) within the enclosure (37) during an initial phase of casting thereby to extract oxygen from the sealed enclosure and to cause the enclosure to have an oxygen content less than the atmosphere surrounding the enclosure and thereafter maintaining the oxygen content in the sealed enclosure (37) at less than that of the surrounding atmosphere by continuous oxidation of the strip passing through the sealed enclosure thereby to control the thickness of the resulting scale on the strip.



**Complete Specification : 18 pages.**

**Drawing : 6 sheets.**

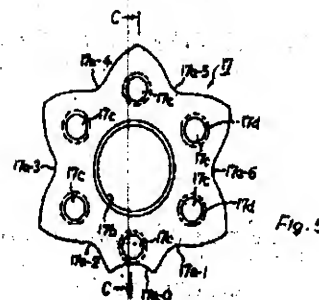
Ind.CI : 132 (C) 190924  
Int.Cl<sup>4</sup> : F 16 H 57/00  
Title : STOPPER PLATE OF A SHIFT CAM FEED DEVICE..  
Applicant : YAMAHA HATSUDOKI KABUSHIKI KAISHA, OF 2500 SHINGALI,  
IWATA-SHI, SHIZUOKA-KEN, JAPAN  
Inventor : MITSUNORI TOKIFUJI.  
Application no. 1251/CAL/96 FILED ON 09.07.1996  
(CONVENTION NO. 8-15044 FILED ON 31.01.1996 IN JAPAN.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**2 CLAIMS.**

A stopper plate (17) of a shift cam feed device fitted fixedly to one end of a shift cam (13) constituting a gear shift mechanism as herein described for turning said shift cam by a predetermined angle as herein described at a time through shifting operations, characterised in that the stopper plate (17) is formed into a plate like shape, and a plurality of cam faces (17a-0 to 17a-5) are formed on the circumferential surface thereof by press forming of a metal plate, and

A plurality of pins (17c) projecting from the end face thereof are provided integrally.



**Complete Specification : 9 pages.**

**Drawing : 4 sheets.**

190925

Ind.Cl : 136 E.  
Int.Cl<sup>4</sup> : B 29 D 11/00  
Title : A METHOD OF PRODUCING MOLDED CONTACT LENSES HAVING  
VISIBLE MARKS.  
Applicant : JOHNSON & JOHNSON VISION PRODUCTS, INC, OF SUITE 300,  
JACKSONVILLE, FLORIDA 32216, UNITED STATES OF AMERICA.  
Inventor : 1. MARK A. DUARTE.  
2. WAYNER E. WILLIAMS.  
Application no. 1538/CAL/96 FILED ON 28.08.1996

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*  
*PATENT OFFICE KOLKATA.*

**7 CLAIMS.**

A method of producing molded contact lenses having visible marks comprising :

- a) Placing in a metal mold insert a recessed mark configuration which is at least 10 microns deep, and has a volume index which is the ratio of the quantity volume below a reference surface minus the volume above the reference surface over the volume below the reference surface, of at least 0.9;
- b) Injection molding thermoplastic mold frames with the metal mold insert;
- c) Molding a soft hydrogel contact lens in the thermoplastic mold frame, wherein the recessed mark configuration in the metal mold insert is transferred as a raised portion to the injection molded thermoplastic mold frame, and is subsequently transferred as a visible recessed mark in a contact lens molded in the thermo plastic mold frame prepared using the insert.

***Complete Specification : 25 pages.***

***Drawing : 4 sheets.***

Ind.Cl : **190926**  
 Int.Cl<sup>4</sup> : B 65 H, 20/00, G 03 B 1/04, B 60 T 13/04  
 Title : A VIDEO CASSETTE RECORDER (VCR) HAVING AN IMPROVED  
 BRAKE MEMBER FOR CONSTANTLY DECELERATING THE  
 ROTATING SPEED OF A FLYWHEEL INSTALLED TO A CAPSTAN  
 SHAFT THEREIN.  
 Applicant : DAEWOO ELECTRONICS CORPORATION, OF 686 AHYEON-DONG,  
 MAPO-GU, SEOUL, KOREA.  
 Inventor : AHN SEONG-ICK.  
 Application no. I703/CAL/96 FILED ON 26.09.1996.

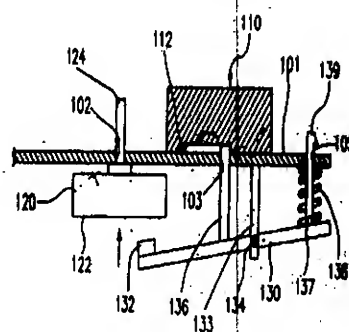
(CONVENTION NO. 95-33454 FILED ON 30.09.1995 IN KOREA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

### 11 CLAIMS.

A video cassette recorder (VCR) having an improved brake member for constantly decelerating the rotating speed of a flywheel installed to a capstan shaft therein, comprising a flywheel (120) connected to one end of a capstan shaft (124) piercing through a capstan hole (102) of chassis (101), characterised in that said flywheel (120) is fitted with a friction plane (122) on a lower portion thereof; that a brake member (130) is installed to one side of said flywheel (120) for swinging toward said friction plane (122); that a fixing rod (133) having one end fixed to the lower portion of said chassis (101), and the other end hinge-coupled to said brake member (130) is provided; and that a swing means (101, 110, 136, 138) is provided for swinging said brake member (130).



*Complete Specification : 13 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 80 E, 80 H, 39 E. **190927**  
Int.Cl<sup>4</sup> : B 01 D 21/01  
Title : A METHOD FOR OBTAINING CLARIFIED SODIUM ALUMINIATE  
SOLUTION SETTLER FEED STREAM.  
Applicant : CYTEC TECHNOLOGY CORP. OF 1105 NORTH MARKET STREET,  
SUITE 952, WILMINGTON, STATE OF DELAWARE 19801,  
UNITED STATES OF AMERICA.  
Inventor : ROBERT W. COLE.

Application no. 1879/CAL/96 FILED ON 30.10.1996.

(CONVENTION NO. 08-550, 908 FILED ON 31.10.1995 IN USA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**8 CLAIMS.**

A method for obtaining clarified sodium aluminate solution from the settler feed stream and streams containing suspended solids flowing into initial stages of a washer train from a bayer alumina process wherein said method comprises (1) admixing with either or both of said streams an effective amount of (A) a first, water-soluble polymer containing pendant hydroxamic acid or salt groups such as herein described and having a molecular weight below 7,000,000 and then (B) an effective amount of a blend of (i) an anionic, water-soluble, acrylic flocculant such as herein described, and (ii) a second, water-soluble polymer containing pendant hydroxamic acid or salt groups such as herein described and having a molecular weight higher than said first polymer to flocculate the suspended solids, wherein the blend comprises from about 10 to about 90 weight percent of the second polymer and about 90 to about 10 weight percent of the anionic flocculant and (2) removing the resulting flocculated suspended solids from the steam or streams.

***Complete Specification : 15 PAGES.***

***Drawing : NIL.***

Ind.Cl : 206 E. 190928  
Int.Cl<sup>4</sup> : H 01 L – 29/00  
Title : LARGE SCALE INTEGRATED SEMICONDUCTOR MEMORY AND  
METHOD FOR PRODUCTION OF SAID SEMICONDUCTOR MEMORY.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : DR. MARTIN KERBER.  
Application no. 05/CAL/97 FILED ON 01.01.1997  
(CONVENTION NO. 19600307.5 FILED ON 05.01.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

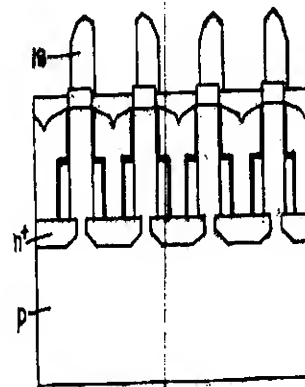
**11 CLAIMS.**

Large scale integrated semiconductor memory having an EPROM cell in the form of a column having an  $n^+$ -doped floating gate (14) disposed on side walls of said column and enclosing said column, and a control gate :

Characterized in that , said column (4) is designed to be so thin that it is fully depleted;

Said control gate (15) is arranged directly on said column (4) with an intermediate insulator layer at least in one subregion; and

Said control gate (15) is formed from  $p^+$ -doped semiconductor material.



***Complete Specification : 13 pages***

***Drawing : 6 sheets.***

**190929**

Ind.Cl : 90(2)

Int.Cl<sup>4</sup> : C 03 C 25/10 ; C 08 J 5/08

Title : GLASS STRAND COATED WITH A SIZING COMPOSITION.

Applicant : VETROTEX FRANCE, OF 130 , AVENUE DES FOLLAZ,  
F-73000 CHAMBERY, FRANCE.

Inventor : 1. MOIREAU PATRICK.  
2. POUSSE CHRISTELLE.

Application no. 06/CAL/1997 FILED ON 01.01.1997.  
(CONVENTION NO. 96/00068 FILED ON 05.01.1996 IN FRANCE.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*  
*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

Glass strand coated with a sizing composition composed of a solution with a viscosity of less than or equal to 400 cP comprising less than 5% by weight of solvent such as herein described and comprising from 60-100% by weight of a thermally polymerizable and/or crosslinkable base system, the said base system comprising from 60-100% by weight of components with a molecular mass of less than 750 and comprising from 60-100% by weight of a mixture :

- of component(s) exhibiting at least one epoxy reactive functional group such as herein described,
- and of component(s) exhibiting at least one amine reactive functional group such as herein described, the level of components exhibiting at least one amine reactive functional group being at least 6% by weight of the composition.

Complete Specification : 28 pages.

Drawing : NIL

Ind.Cl : 64 B 2  
 Int.Cl<sup>4</sup> : H 01 R 13/02  
 Title : AN ELECTRICAL CONNECTOR  
 Applicant : MOLEX INCORPRATED, OF 2222 WELLINGTON COURT, LISLE, ILLINOIS 60532, UNITED STATES OF AMERICA.  
 Inventor : 1. TOSHIHIRO NIITSU.  
 2. MINORU FUKUSHIMA.  
 Application no. 77/CAL/97 FILED ON 15.01.1997.

190930

(CONVENTION NO. 60162/1996 FILED ON 22.02.1996 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

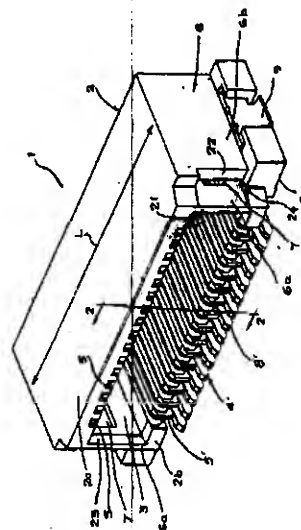
*PATENT OFFICE KOLKATA.*

### 8CLAIMS.

An electrical connector (1) with an insulating housing (2), said housing (2) comprising spaced apart generally parallel top and bottom walls and two spaced apart sidewalls (6) partially defining a mating component-receiving space (3) within the housing (2) and a plurality of electrically conductive terminals (4,4') disposed within the component-receiving space (3) characterized in that;

Each sidewall (6) having distinct, spaced apart inner and outer sidewall portions (6a, 6b), inner sidewall portion (6a) being flexible comprising an engagement surface for engaging and latching a mating component; and the outer sidewall portion (6b) providing structural support for said connector housing (2);

Said top and bottom walls and said inner sidewall portions of each of said sidewalls having a leading edge defining a generally rectangular mating space, each said inner sidewall portion extending along said leading edge and interconnecting said top and bottom walls, and each said inner sidewall comprising an opening (7) therein and said engagement ledge is part of said opening.



*Complete Specification : 12 pages.*

*Drawing : 4 sheets.*

Ind.Cl : 206 (E) **190931**  
Int.Cl<sup>4</sup> : H 04 B 10/17 ; G 02 B 6/36  
Title : OPTICAL FIBER AMPLIFIER.  
Applicant : SAMSUNG ELECTRONICS CO. LTD, OF 416, MAETAN-DONG,  
PALDAL-GU. SUWON-CITY, KYUNGKI-DO, KOREA.  
Inventor : 1. CHAN-SIK PARK.  
2. MI-YOUNG HONG.  
Application no. 26/CAL/97 FILED ON 06.11.1997.

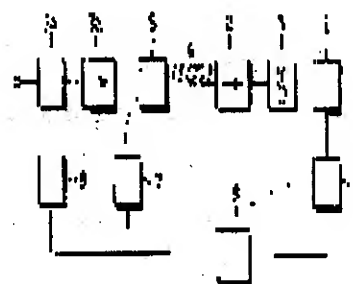
(CONVENTION NO. 1913/1996 FILED ON 29.01.1996 IN KOREA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**5 CLAIMS.**

An optical fiber amplifier comprising an optical filter (5,13), an optical isolator (2a,2) for blocking a reverse flow of a reflected light, and an output end tab (1) for monitoring the intensity of the output signal wherein said optical filter (5,13) is coupled between said optical isolator (2a,2) and output end tab (1) so as to only pass a broad wavelength band of 1540nm-1560nm.



***Complete Specification : 11 pages.***

***Drawing : 2 sheets.***

Ind.Cl : 206 (E) 190932  
 Int.Cl<sup>4</sup> : C 06 K 19/00  
 Title : A DATA CARD, A PROCESS AND AN APPARATUS FOR  
 MANUFACTURING THE DATA CARD.  
 Applicant : SIMENS AKTIENGESELLSCHAFT  
 OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
 Inventor : 1. ROLAND MELZER, GLATZER.  
 2. DR. HOUDEAU DETLEF.  
 Application no. 125/CAL/97 FILED ON 22.01.1997.

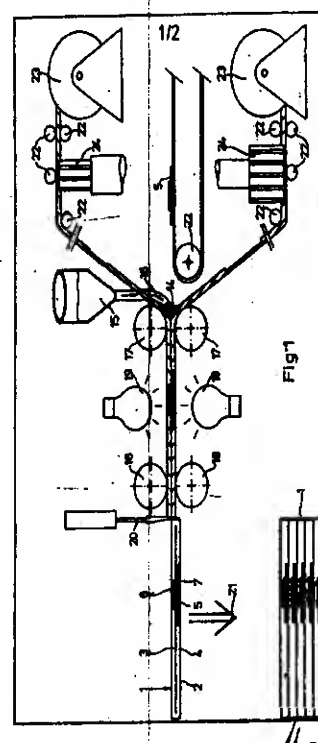
(CONVENTION NO. 19602821.3 FILED ON 26.01.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**14 CLAIMS.**

A data card (1) having a card body (2) comprising at least one card top layer (3) and at least one card bottom layer (4), the outer dimensions of which correspond to one another, and a module element (5) which is fitted in between the card top layer (3) and the card bottom layer (4) within the card body (2) and has an integrated electronic circuit (6) for the processing and/or storing of personal data, characterised in that a levelling compensating layer of a levelling material (14) is arranged or formed between the module element (5) and the card top layer (3) and/or the card bottom layer (4) for filling the existing cavities (13) in the module element (5) or between the module element (5) and the card top layer (3) and/or the card bottom layer (4) and/or existing protruding elevations (9,10) on the surface of the module element (5).



**Complete Specification : 16 pages.**

**Drawing : 2 sheets.**

190933

Ind.CI : 47 (E)  
Int.CI<sup>4</sup> : C 10 G 9/14  
Title : A PROCESS FOR PRODUCING LIQUID AND COKE PRODUCT.  
Applicant : CONOCO INC, OF 1000 SOUTH PINE STREET, PONCA CITY, OK  
74602-1267 UNITED STATES OF AMERICA.  
Inventor : JIM RAY RATH  
Application no. 138/CAL/97 FILED ON 24.01.1997.

(CONVENTION NO. 08/618,876 FILED ON 20.03.1996 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**14 CLAIMS.**

A process for producing liquid and coke products in a delayed coking operation comprising the steps of:

- heating a liquid coking feedstock to an elevated temperature as herein described and charging said liquid feedstock to a coking drum under delayed coking conditions;
- soaking said liquid feedstock in its contained heat which is sufficient for converting the feedstock to cracked vapors;
- cooling and condensing said cracked vapors to liquid products and coking;
- characterized by the step of introducing to the coking drum a non-coking hydrocarbon diluent having a heat content which is sufficient to increase the temperature level of the liquid feedstock in the coking drum whereby liquid products from the coking process are increased and coke product is decreased.

**Complete Specification : 14 pages.**

**Drawing : 1 sheet**

Ind.Cl : 32 (C)  
 Int.Cl<sup>4</sup> : C 08 G 69/20; C 08 G 69/18  
 Title : A PROCESS FOR PERFORMING THE ANIONIC LACTAM  
 POLYMERISATION BY MEANS OF A LIQUID MULTICOMPONENT  
 CATALYST/ACTIVATOR SYSTEM.  
 Applicant : EMS INVENTA AG. SELNAUSTRASSE 16 CH -8002 ZURICH,  
 SWITZERLAND.  
 Inventor : 1. EDUARD SCHMID.  
 2. ROMAN EDER.  
 Application no. 140/CAL/97 FILED ON 24.01.1997.  
 (CONVENTION NO. 19603305.5 FILED ON 25.1.1996 IN GERMANY.)

190934

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

21 CLAIMS.

A process for performing the anionic lactam polymerisation by means of a liquid multi-component catalyst/activator system discontinuously or continuously on a twin-screw extruder for producing shaped bodies of polylactum comprising the steps of :  
 supplying pure anhydrous lactam to a mixing device adding of the multi-component system and distributing it homogeneously  
 subjecting the activated melt to a shaping process with application of heat, whereby the multi-component system is a basic composition of

- a) 30 to 80 parts by weight of at least one liquid solvating component,
- b) 5 to 40 parts by weight of at least one catalyst,
- c) 5 to 40 parts by weight of at least one activator which add up to 100 parts, and
- d) additionally of 0 to 50 parts by weight of production-and/or use-related additives wherein the component a) is an aliphatic, cycloaliphatic or aromatic hydrocarbon composite with hetero atoms or hetero groups, which do not condensate, as solvating structural elements selected from the group of acid amines, lactams, alkylated lactams, N, N'-dialkylated ureas, which can also be cyclic, carboxylic acid esters, polyether esters with molecular weight (Mn) between 250 and 2000 and ethylene oxide, propylene oxide and butylene oxide segments, or the corresponding copolymers or block-copolymers, sterically hindered phenols, ester of phosphorus, N-alkylated amines or polyamines, N-dialkylated carbanic acid esters, dimethyl sulfoxide and alkyl oxazolines.

Complete Specification : 18 pages.

Drawing : NIL

Ind.Cl : 32 (C) **190935**  
Int.Cl<sup>4</sup> : C 08 G 69/08 ; C 08 G 73/10  
Title : CONTINUOUS PROCESS FOR ACTIVATED ANIONIC LACTAM  
POLYMERIZATION.  
Applicant : EMS INVENTA AG. SELNAUSTRASSE 16 CH -8002 ZURICH,  
SWITZERLAND  
Inventor : 1. EDUARD SCHMID.  
2. ROMAN EDER.  
Application no. 142/CAL/97 FILED ON 24.01.1997.

(CONVENTION NO.196 03 303.9 FILED ON 25.1.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**13 CLAIMS.**

Continuous process for activated anionic lactam polymerisation in inert gas, comprising the following steps :

Supplying lactam as well as catalyst and activator for the anionic lactam polymerisation under anhydrous conditions to a heatable, continuously operating mixing and conveying device,

Heating the lactam to the process temperature accompanied by continuous mixing of the melt and at least partial polymerisation,

Continuous moulding in a mould or discharging the melt as an extrudate, followed by cooling and pelletisation, characterised in that

The activator and catalyst are fed into a anhydrous lactam melt by adding them continuously to a liquid system in which the activator and catalyst are jointly contained and which is liquid at room temperature.

***Complete Specification : 18 pages.***

***Drawing : NIL.***

Ind.Cl : 187 H 190936  
 Int.Cl<sup>4</sup> : G 06 F 19/00, G 01 R 31/08  
 Title : ARRANGEMENT FOR DETECTION OF FAULT ON A LINE SECTION  
 TO BE MONITORED OF AN ELECTRIC POWER TRANSMISSION  
 LINE AS PER THE DISTANCE PROTECTION PRINCIPLE.  
 Applicant : SIMENS AKTIENGESELLSCHAFT  
 OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
 Inventor : 1. DR. ANDREAS JURISCH.  
 2. DR. TELVFIK SEZI.  
 Application no. 149/CLA/97 FILED ON 27.01.1997.

(CONVENTION NO. 19605022.7 FILED ON 31.01.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

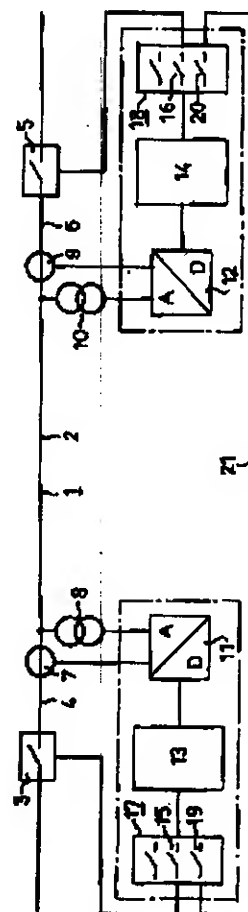
PATENT OFFICE KOLKATA.

### 3 CLAIMS.

Arrangement for detection of a fault on a line section, to be monitored, of an electric power transmission line as per the distance protection principle, with

In each case a measuring arrangement at each end of the line section to be monitored for detection of current – and voltage values of power transmission line and for generation of a tripping signal and of a direction signal in a fault on the line section to be monitored and a data transmission line running between the measuring arrangement, having low transmission capacity for transmission of direction signal to the other measuring arrangement in each case marked through it, that

- Each measuring arrangement (13, 14)
- Shows medium for provision of intermediate variable which are suitable for measurement of fault code
- Shows medium for transmission of intermediate variables over the data transmission line (21) for other measuring arrangements in each case (for example 14) and
- Shows medium for calculation of a measuring variable stating the fault location.



Complete Specification: 10 pages.

Drawing: 2 sheets.

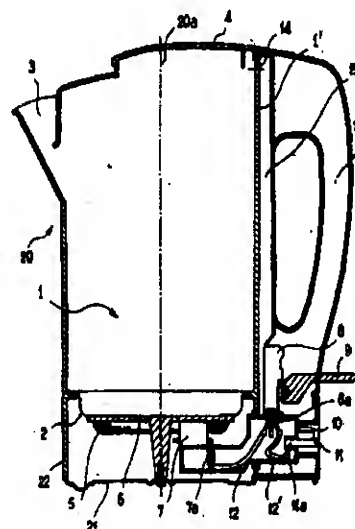
Ind.Cl : 97 F **190937**  
 Int.Cl<sup>4</sup> : H 05 B - 3/40 , 3/68  
 Title : AN ELECTRIC KETTLE.  
 Applicant : SEB S.A OF LES 4M, CHEMIN DU PETIT BOIS, 69132, ECULLY CEDEX  
 FRANCE.  
 Inventor : JACQUES LACOMBE.  
 Application no. 180/CAL/97 FILED ON 31.01.1997.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**9 CLAIMS.**

An electric kettle (20) comprising a tank (1) for liquid to be heated , electrical heating means (5) disposed under the bottom (2) of said tank (1), manual means (9) for controlling the operation of said electrical heating means (5), connection members (11) adapted to be connected to electrical power supply means, control means (7,8) adapted to modify the operation of said electrical heating means (5), and an electrically insulative material connection module (10) having orifices (10a, 10b, 10c, 10c', 10c''), said control means (7,8) and said connection member (11) having pins (7a, 8a , 11a) adapted to be inserted into said orifices (10a, 10b, 10c , 10c' , 10c'') of said connection module (10) and electrical connecting wires (12, 12') connecting the pins (7a, 8a, 11a) of the control means (7,8) and the connection members (11) and extending within said connection module (10) between said orifices.



*Complete Specification : 12 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 55 F 190938  
Int.Cl<sup>4</sup> : C 02 F 1/68  
Title : A METHOD FOR PRODUCING TREATED WATER FOR THE  
CONTROL OF BIVALVE MOLLUSKS.  
Applicant : ELF ATOCHEM NORTH AMERICA, INC, OF 2000 MARKET STREET,  
PHILADELPHIA, PENNSYLVANIA 19103-3222,  
UNITED STATES OF AMERICA.  
Inventor : JOHN JOSEPH SEDIVY  
Application no. : 205/CAL/97 FILED ON 04.02.1997

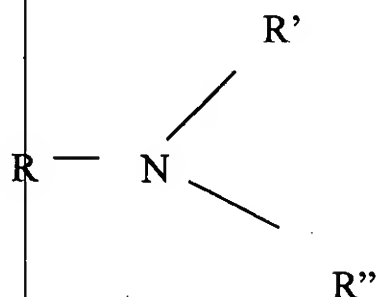
(CONVENTION NOS. 60/011485 , 60/030921 AND 08/789365 FILED ON 12.2.96 AND  
14.11.96 AND ON 24.1.97 IN UNITED STATES OF AMERICA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**19 CLAIMS.**

A process for producing treated water for the control of bivalve molluscs of effect detachment from and to inhibit settlement on solids immersed in water inhabited by said molluscs comprising introducing into said water an amine salt of an inorganic or organic acid such as herein described, the amine radical of said salt derived from an amine having the formula :



Where R is an aliphatic hydrocarbon group containing from 1 to 20 carbon atoms and R' and R'' are the same or different alkyl radicals having from 1 to 20 carbon atoms, and mixtures of said amine radicals, said amine salt being introduced at a rate of 0.25 to 4 ppm and length of time is from 1 to 16 hours to at least inhibit settlement of the larva stage of said mollusc.

***Complete Specification : 37 pages.***

***Drawing : NIL***

Ind.Cl : 65 A<sub>4</sub> 190939  
 Int.Cl<sup>4</sup> : H 02 M 7/217  
 Title : A POWER CONVERTER APPARATUS.  
 Applicant : HITACHI, LTD. OF 6 KANDA, SURUGADAI, 4-CHOME, CHIYODA  
 -KU, TOKYO, JAPAN.  
 Inventor : 1. KEIZO SHIMADA.  
 2. HIDEYASU UMETSU,  
 3. HIDEAKI KUNISADA.

Application no. 239/CAL/97 FILED ON 11.02.1997

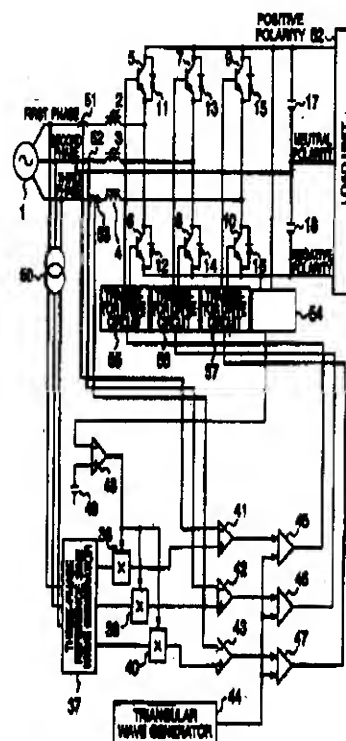
(CONVENTION NO. 08-029083 FILED ON 16.02.1996 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

### 6 CLAIMS.

A power converter apparatus having a positive side capacitor connected between positive and neutral polarities of DC, a negative side capacitor connected between neutral and regative polarities of the DC, a first-phase half-bridge type converting circuit comprising two switching elements connected in series between said positive and negative poralities, diodes connected in anti-parallel relation to said switching elements, respectively , and a reactor connected between a node of said two series-connected switching elements and a first phase of AC, a third – phase half-bridge type converting circuit comprising two switching elements connected in series between said positive and negative polarities , diodes connected in anti-parallel relation to said switching elements, respectively, and reactor connected



between a connecting node of said two series-connected switching elements and a third phase of AC, and a common phase connecting said neutral polarity of the DC and a second phase of the AC, whereby the AC having said first to third phases is converted into the DC having said positive , neutral and negative polarities.

Said apparatus comprising :

A common-phase half-bridge type converting (7 – 8, 13 – 14, 21 – 22, 27- 28 ; Fig. 6 )  
 circuit comprising two switching

elements connected in series between said positive and negative polarities, diodes connected in anti-parallel relation to said switching elements respectively, and a reactor connected between a connecting node of said two series-connected switching elements and said common phase;

a change detecting means (52, 42, 1 - Fig.1, 60 - 61) for detecting a temporal change of an electric signal flowing through said common phase; and

a duty controlling means (44 - 46, 56, 58 - 59) for changing the on-off duty of said two series-connected switching elements in said common phase half-bridge circuit on the basis of the temporal change of said electric signal to thereby cause said temporal change to be zero or to approach zero.

*Complete Specification : 42 pages.*

*Drawing : 8 sheets.*

**190940**

Ind.Cl : 93

Int.Cl<sup>4</sup> : C 04 B 5/02

Title : A PROCESS FOR PRODUCING GRANULATED SLAG FROM GRANULATED SLAG SLURRY FROM BLAST FURNACE BY SEPARATION OF WATER.

Applicant : THE TATA IRON AND STEEL COMPANY LIMITED, OF BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI – 400023, INDIA.

Inventor : 1. LALIT MOHAN CHATTERJEE.  
2. BIDYUT KUMAR GHOSH.

Application no. 341/CAL/97 FILED ON 24.02.1997.

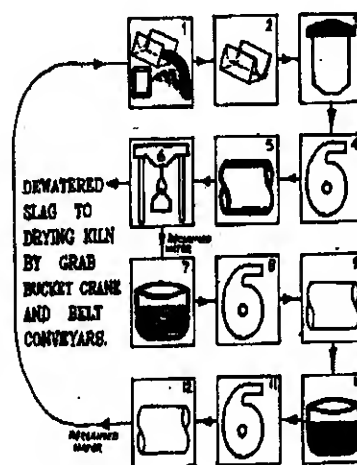
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

#### 4 CLAIMS.

A process for producing granulated slag from granulated slag slurry from blast furnace by separation of water comprising the steps of :

- Granulating the slag;
- Preparing a slurry comprising said granulated slag suspended in water from a blow box (1);
- Collecting the slurry in a tank (3) said tank (3) designed to hold the slurry with sediments of granulated slag in suspended form;
- Pumping the slurry with suspended granulated slag using slurry pump (4) through slurry pipes (5);
- Collecting the pumped slurry in a large dewatering bay formation, having a sloping surface and grab bucket crane (5);
- Percolating the water from the slurry in said dewatering bay and directing it into a reservoir (10) provided with baffles, for slag separation through sieve and density separation



**Complete Specification : 6 pages.**

**Drawing : 2 sheets.**

IND. CL. : 153 [XLIH (3)] 190941

INT. CL. : A 61 M - 005/32

TITLE : AN IMPROVED UNIVERSAL DISPOSABLE AB. RASIVE  
DISC HOLDER.

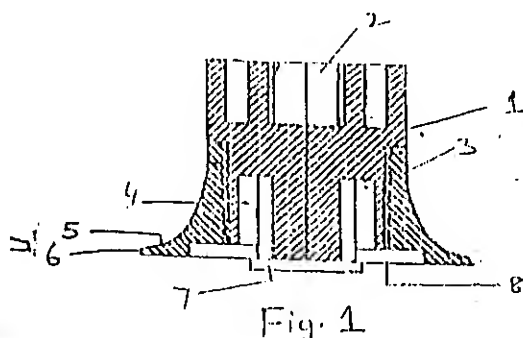
APPLICANT : PRAVIN MANILAL PANCHAL , 4,VIRESHWAR DARSHAN,  
& INVENTOR G.B.I. MARG, VILE PARLE (EAST), MUMBAI 400 057,  
MAHARASHTRA, INDIA. INDIAN NATIONAL.

APPLICATION NO : 733 / BOM/ 1998 FILED ON 23.11.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES. 2003 , PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

An improved universal disposable abrasive Disc Holder comprising a main body (1) which is provided on its top an adapter (2) for spindle, threaded portion to accommodate a spindle; the other end (3) of main body is provided with a central locking device (4) to accommodate a disposable abrasive disc (5) having vertical ribs (6) on its periphery supported by bottom flange (8) lockable by fastening means (7).



Comp. specn. 07 pages

Drawings:01 sheet

IND. CL. : 28 C [XXX(1)] 190942  
INT. CL. : F 24 C 1/00  
TITLE : A LIQUIFIED PETROLEUM GAS (LPG) BURNER.  
APPLICANT : INDIAN OIL CORPORATION LTD.  
(A GOVERNMENT OF INDIA UNDERTAKING), OF G-9,  
ALI YAVAR JUNG MARG,  
BANDRA (E), MUMBAI- 400 051.  
MAHARASHTRA, INDIA.  
INVENTORS : 1. NIMESH KUMAR VERMA  
2. AMRIK SINGH  
3. RAMESH KUMAR PAULASTYA  
4. SHEO PUJAN DUBEY  
5. ASHOK KUMAR MEHTA.  
APPLICATION NO. : 724 BOM 1998 FILED ON : 18-11-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 2003 PATENT OFFICE BRANCH, MUMBAI 13.

#### 05 CLAIMS

A liquidified petroleum gas burner comprising a fuel gas inlet (7) held in flow communication with a diffuser (2), a plurality of air inlets provided in said diffuser to provide a gas fuel mixture, a jet member (1) disposed between said gas inlet and diffuser such that the gas flows into said diffuser (2) through the jet chamber (1), a mixing tube (3) connected to said diffuser (2) to cause a mixing of the fuel gas and air, a burner head (9) mounted on said mixing tube (3).

Complete specification: 08 pages,

Drawings: 01 Sheet.

IND. CI : 170 D 190943

INT. CL. : C 07 D, 2/2

TITLE : A PROCESS FOR MANUFACTURE OF COSMETIC SKIN OR HAIR CARE COMPOSITION.

APPLICANT : HINDUSTAN LEVER LIMITED,  
155/156, BACKBAY RECLAMATION,  
MUMBAI – 400 020, MAHARASHTRA,  
INDIA.

INVENTORS: 1) CHRISTINE MARIE PENKSA  
2 UMA SANTHANAM  
3) STEPHAN SAMUEL HABIF

APPLICATION NO. : 781/BOM/98 FILED ON DECEMBER 2, 1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13

04 – CLAIMS.

A process for manufacture of cosmetic or hair care composition comprising :

i) Providing a selective mix of -

- a) 0.1% to 70% by wt. Of an emulsion of a fluorocarbon infused with carbon dioxide wherein said fluorocarbon used is inert, liquid at 25°C and hydrophobic and is selected from the group consisting of perfluorooctane, perfluorodecane, perfluorodecalin, perfluorocylbromide, perfluorodecylbromide, perfluorooctylidodide, perfluorotripropylamine, perfluoro-tributylamine, bis-(F-butyl)-ethene and perfluoropolymethylisopropyl ether; and
- b) an ingredient selected from two group consisting of sunsreen in an amount from 0.1 to 25% by wt. And a cationic conditioning agent in an amount from 0.01 to 10% by wt.

ii) Incorporating said mix of (i) above in a cosmetically acceptable vehicle.

Complete Specification 27 pages ; Drawings - NIL

190944

IND. CL. : 189

INT. CL. : A 61 K 7/00

TITLE : A MOUSSE-FORMING CLEANSING SHAMPOO COMPOSITIONS.

APPLICANT : HINDUSTAN LEVER LIMITED  
HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION,  
MUMBAI-400 020. MAHARASHTRA, INDIA, AN INDIAN CO.INVENTORS  
1. SERGE AIME PATRICK COUPE  
2. EUAN STUART REID  
3. DAVID CHARLES STEERAPPLICATION NO.: 808 BOM 1998 FILED ON 14.12.1998  
PRIORITY NO. 9726969.0 DATED 19.12.1997 OF U.K.APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENT'S RULES, 2003), PATENT OFFICE BRANCH, MUMBAI-400 013.**08 CLAIMS**

A mousse-forming cleansing shampoo composition having improved conditioning performance comprising :

(A) a foamable concentrate comprising :

- (i) at least one surfactant ;
- (ii) emulsified particles of a conditioning agent having a particle size of  $\leq 1$  micron ;
- (iii) a deposition polymer for the emulsified particles;
- (iv) an aqueous carrier ; and

(B) an aerosol propellant.

IND. CL. : 174 B 190945

INT CL. : F 16 F 15/00

TITLE : AN IMPROVED ANTI-VIBRATION MOUNTING DEVICE FOR MOUNTING AN EQUIPMENT ON A SURFACE.

APPLICANT : POLYBOND INDIA PVT. LTD.,  
144/145, ALANDI-MARKAL ROAD  
PUNE - 411 105, MAHARASHTRA  
STATE, INDIA

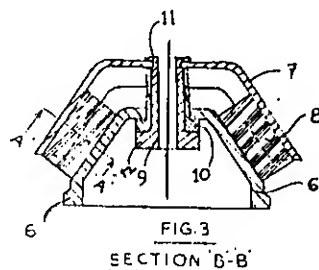
INVENTORS : ASHOK ACHYUT DIVEKAR.

APPLICATION NO. : 493 BOM 1998 FILED ON : 03-08-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

#### CLAIM

An improved anti-vibration mounting device for mounting device for mounting an equipment on a surface comprising a metal base, a top metal cover resilient rubber pads/blocks sandwiched and bonded with the said metal base and top metal cover, characterized in that a metal bush provided for interconnecting the said metal base and the top metal cover, the said metal bush having a flange on its one end and flared at its other end after passing through the metal base and the top metal cover and a rubber bush provided over the said metal bush.



Complete specification: 06 pages,

Drawings: 01 Sheet.

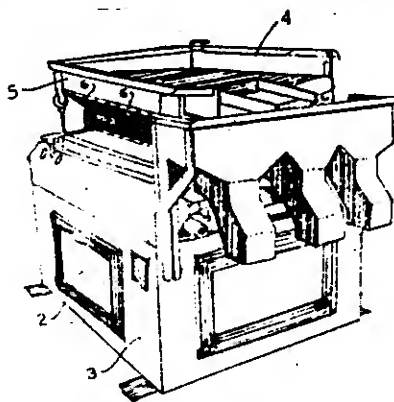
IND. CL. : 37 A 190946  
INT. CL. : B 01 D - 025/ 16  
TITLE : AN IMPROVED MECHANISED GRAVITY SEPARATOR  
APPLICANT : SHRIKANT PADGILWAR, MANGALDAS MARKET,  
& INVENTORS AKOLA-444 001, MAHARASHTRA, INDIA. AN INDIAN  
NATIONAL.

APPLICATION NO : 498 BOM 1998 FILED ON 04.08.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 CLAIM

An improved mechanised gravity separator comprising separator deck inclined in two planes; a lower unit, shaking module to keep the said separator deck constantly shaking; power generating module located in the base having fan or fans to pass blast of air, from below, which is made to through the sieves of said separator deck; a strong and sloping inner lining over inner edge of the said gravity separator deck capable of mounting in a saddled manner over a contoured configuration of a specially extruded fairly hard rubber component provided over the upper edge of the said lower unit characterized in that there are provided 2 to 3 strong spring loaded bonnet clips on both the longitudinal sides of the lower module such that when the upper gravity separator deck is mounted over the said lower unit, the said spring loaded bonnet clip will very firmly and securedly hold the upper separator deck having leak proof linear bearing with the said contoured rubber beading below.



Comp.specn. 06 pages

Drawings: 01 sheet

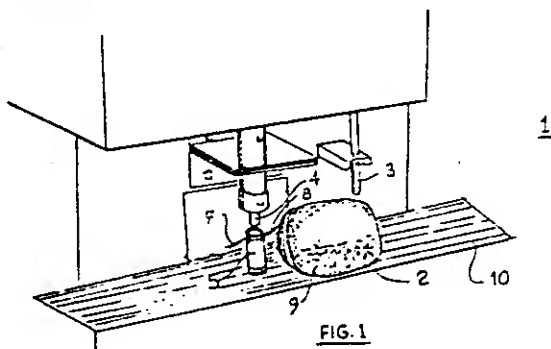
FIG.

IND. CL. : 129 O 190947  
INT. CL. : B 65 H - 035/ 00  
TITLE : AN AUTOMATIC SEALING MACHINE FOR SEALING THE  
CONTENTS IN A BAG  
APPLICANT & INVENTOR : SHRIKANT PADGILWAR, MANGALDAS MARKET,  
AKOLA-444 001, MAHARASHTRA, INDIA. AN INDIAN  
NATIONAL.  
APPLICATION NO : 499 BOM 1998 FILED ON 04.08.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 1972), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

An automatic sealing machine for sealing the contents in a bag consisting of (1) vertical punch and die unit; having a punch on upper side; and a side slot provided at free end of the said die (3), an extruder unit consisting of a hopper containing plastic granules, a barrel with a heating element and a plunger provided to the outlet of said hopper unit; this entire machine being mounted on a platform and a sensor provided in the said platform and said die connected to the said barrel to receive hot molten plastic globule for sealing one end thread of stitching of bags.



Comp.specn.: 05 pages

Drawings: 01 sheet

IND. CL. : 170 (d) 190948  
INT CL. : C 11 D 3/386  
TITLE : A PROCESS FOR PRODUCING SOAP BARS AND SOAP BARS PRODUCED THEREBY.  
APPLICANT : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI- 400 020.  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.  
INVENTORS : 1. JOHN GEORGE CHAMBERS  
2. GEOFFREY IRLAM  
3. BRYAN STUART JOY

APPLICATION NO. : 501/BOM/1998 FILED ON : 04-08-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003 , PATENT OFFICE BRANCH II, MUMBAI 13.

#### 14 CLAIMS

A process for producing a soap bar comprising soap and a skin benefit agent, the process comprising the steps of –

- premixing a water immiscible benefit agent with a solid water soluble carrier in a first mixing step wherein the benefit agent is essentially free of water to avoid dissolution of the carrier and the carrier exists as a solid at ambient and process conditions so that the benefit agent is pre-blended into a matrix formed by the carrier such that the domain size of the benefit agent remains fixed and constant through out process;
- adding said preblended premix to a soap mix to form a final soap mix in a second mixing step; and
- finishing the final soap mix to form a soap bar.

Complete specification: 14 pages,

Drawings: Nil. Sheet.

**IND. CL.** : 39 Q[ III ] 190949

**INT. CL.** : B 01 J -29/04,37/00, C 01B-33/28

**TITLE** : A PROCESS FOR THE PREPARATION OF SELECTIVE MOLECULAR SIEVE ADSORBENT TYPE A BY PORE SIZE REGULATION OF TYPE-A ZEOLITE BY CHEMICAL TREATMENT.

**APPLICANT** : INDIAN PETROCHEMICALS CORPORATION LIMITED, P.O.PETROCHEMICALS, DISTRICT-VADODARA 391 346, GUJARAT, INDIA.

**INVENTORS** : (1) NETTEM VENKATESWARLU CHOUDARY  
(2) RAVI PURANIK VIJAYALAKSHMI  
(3) SODANKOOR GARADI THIRUMALESHAWARA BHAT

**APPLICATION NO** : 520/BOM/1998 FILED ON 13.08.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003 , PATENT OFFICE BRANCH , MUMBAI - 13.**

### 11 Claims

A process for the preparation of a selective molecular sieve adsorbent type A by pore size regulation of type A zeolite, by chemical treatment comprising reacting and/or exposing said adsorbent with an aqueous solution of one or more alkali metal ions and silica in active form, removing the excess solution, drying the residue in any conventional manner and subjecting the dried residue to calcination in order to obtain molecular sieve adsorbent type A with pore size regulation.

Comp.specn. 20 pages

Drawings: NIL

IND. CI : 56 B 190950

INT. CL. : C 10 G 11/00, 47/00

TITLE : A FLUIDIZED CATALYTIC CRACKING APPARATUS.  
APPLICANT : INDIAN OIL CORPORATION LTD,  
A GOVERNMENT OF INDIA UNDERTAKING  
OF G-9, ALI YAVAR JUNG MALL, G,  
BANDRA (EAST) MUMBAI-400 031,  
MAHARASHTRA, INDIA.

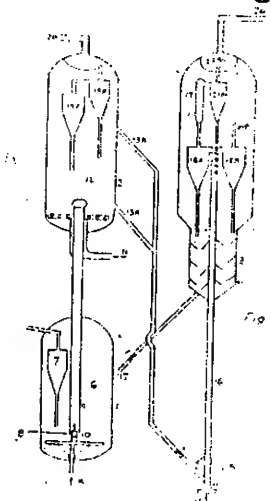
INVENTOR : 1) MARRI RAMA RAO  
2) VUTUKURI LAKSHMI NARASIMHA MURTHY  
3) ASIT KUMAR DAS  
4) SUKUMAR MAMDAL  
5) DEBASIS BHATTACHARYYA  
6) SANJEEV SINGH  
7) SATISH MAKHJJA  
8) SOBIHAN GHOSH

APPLICATION NO. : 534BOM/98 FILED ON AUGUST 20, 1998  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13

### 15- CLAIMS.

A fluidized catalytic cracking apparatus comprising a single stage regenerator (46) for a catalyst; a burner (47) for an adsorbent, a riser reactor (43) with at least two solid entry points; and a counter current stripper (35) for stripping the spent catalyst; characterized in that a separator (44) having a dense bed (41) of heavier absorbent particles using steam is employed to transport the relatively lighter and finer catalyst particles to said regenerator (46) after separating from said steam by a cyclone (14A, 14B) and relatively heavier and coarser catalyst particles from said dense bed (41) from which said adsorbent being either directly recycled back to a bottom (25) of said riser reactor (43) and/or is burnt off in a said burner (47) before being recycled to said bottom (25) of said riser (43).

Complete Specification 34 pages; Drawings 2 sheets.



IND. CI : 56 C 190951

INT. CL. : C 11 D 11/00

TITLE : A PROCESS FOR UPGRADING OLEFINIC HYDROCARBON STREAMS.

APPLICANT : INDIAN OIL CORPORATION LTD,  
(A GOVERNMENT OF INDIA UNDERTAKING),  
OF G-9, ALI YAVAR JUNG MARG,  
BANDRA (EAST) MUMBAI-400 051,  
MAHARASHTRA, INDIA.

INVENTORS: 1) ASIT KUMAR DAS  
2) SUKUMAR MANDAL  
3) MANORANJAN SANTRA  
4) SOBHAN GHOSH  
5) DEBASIS BHATTACHARYYA  
6) GANGA SHANKER MISHRA  
7) JAGDEV KUMAR DIXIT  
8) ARVIND PRATAP SINGH.  
9) ASHOK KUMAR TEWARI  
10) SATISH MAKHIJA.  
11) LATOOR LAL SAROYA  
12) SHANKAR SHARMA  
13) SATYEN KUMAR DAS

APPLICATION NO. : 571/BOM/98 FILED ON 09.09.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003 , PATENT OFFICE BRANCH, MUMBAI - 13

13 - CLAIMS.

A process for producing upgraded olefinic hydrocarbon streams through simultaneous cracking and reforming using a catalyst such as herein described consisting of dehydrogenating metal component, medium pores shape selective zeolite components and large pore acidic crystalline or amorphous component, where the catalyst is microspherical in nature having particle size within 20-150 fluidized bed riser in presence of hot catalyst mixture at a reactor temperature between 450 and 750°C and pressure within 0.1 to 15 atm(g), separating the product at the top of the reactor, withdrawing spent catalyst from the bottom of the reactor, purging with steam and regenerating the spent catalyst by burning of the coke in presence of air and recirculating the regenerated catalyst back to the reactor to produce a liquid product with higher toluene and xylene yield but with substantially lower olefin and benzene content and a gaseous product rich in hydrogen, ethylene, propylene and butylene yield.

Complete Specification 24 pages ; Drawings - NIL.

IND. CL. : 40 B 190952

INT. CL. : F 23 N-5/00, F 02M-27/00,27/04

TITLE : A FUEL SAVING AND POLLUTION CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE AND THE INTERNAL COMBUSTION ENGINE COMPRISING THE SAME.

APPLICANT & INVENTOR : BHARAT NAVNITLAL DHARIA, G/3, JEEVAN VIHAR, 5, MANAV MANDIR ROAD, MUMBAI 400 006, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

APPLICATION NO : 585 BOM 1998 FILED ON 15.09.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003, PATENT OFFICE BRANCH, MUMBAI - 13.

### 07 CLAIMS

A fuel saving and pollution control device for an internal combustion engine comprising of a hollow body, at least one block of alloy made of tin, lead and antimony and at least one permanent magnetic core provided inside the said body, leaving passage for the fuel flow, and a pair of adaptors fitted at the two ends of the said body sealing its open ends in a leak proof manner.

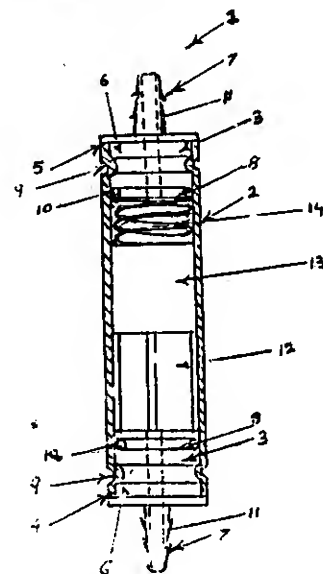


FIGURE 1

Comp.specn. 10 pages

Drawing: 1 sheet

**IND. CL.** : **170 D** **190953**

**INT. CL.** : **C 11 D 3/01**

**TITLE** : **COSMETIC SKIN LIGHTENING PRODUCT FOR TOPICAL APPLICATION.**

**APPLICANT** : **HINDUSTAN LEVER LIMITED**  
**HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION,**  
**MUMBAI-400 020. MAHARASHTRA , INDIA, AN INDIAN CO.**

**INVENTORS** : **1. MARTIN RICHARD GREEN**  
**2. ALAN DAVID HEATH**  
**3. JOHN PATRICK MCCOOK**  
**4. GOVINDARAJAN RAMAN**  
**5. IAN RICHARD SCOTT**

**APPLICATION NO.: 598 BOM 1998** **FILED ON 18.09.1998**  
**PRIORITY NO. 9721098.3 DATED 03.10.1997 OF U.K.**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,**  
**PATENTS RULES, 2003 , PATENT OFFICE BRANCH, MUMBAI-400 013.**

**06 CLAIMS**

Cosmetic skin lightening composition for topical application to human skin comprising (A) cysteamine and (B) skin lightening agent selected from dioic acid having 7-30 C atoms, licorice extract and combinations thereof, wherein said components (A) and (B) are provided in a cosmetically acceptable carrier.

IND. CL. : 189 190954  
INT. CL. : A 61 K 7/48  
TITLE : SKIN COSMETIC COMPOSITIONS.  
APPLICANT : HINDUSTAN LEVER LIMITED.,  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY  
RECLAMATION, MUMBAI- 400 020.  
MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.  
INVENTORS : 1. SURAJIT MUKHERJEE  
2. STEPHAN SAMUEL HABIF  
3. DONALD RICK

APPLICATION NO. : 644/BOM/1998 FILED ON : 05-10-1998  
PRIORITY NO : 08/953018 DATED : 17-10-1997 of U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 2003 . PATENT OFFICE BRANCH, MUMBAI 13.

#### 07 CLAIMS

A skin cosmetic composition comprising at least two emulsions in an interfacial contact with each other :

- (i) from 10 to 60%, by weight of the composition, of a water-in-oil emulsion, comprising:
  - (a) from 30 to 80%, by weight of the water-in-oil emulsion, of an aqueous phase,
  - (b) from 20 to 70%, by weight of the water-in-oil emulsion, of an oil phase having a viscosity in the range of from 100 to 100,000mPa.sec and comprising an oil for which lactic acid oil/water distribution coefficient ( $K_s$ ) is in a range of from 0 to 0.2;
- (ii) from 40 to 90%, by weight of the composition, of an oil-in-water emulsion, comprising:
  - (a) from 40 to 99%, by weight of the oil-in-water emulsion, of an aqueous phase,
  - (b) from 1 to 60% by weight of the oil-in-water emulsion, of an oil phase;

wherein the yield stress of each of the emulsions is in the range of from 10 Pa to 1,000 Pa; and

wherein each aqueous phase comprises a buffer such that there is a difference of at least two pH units between the water-in-oil emulsion and the oil-in-water emulsion.

Complete specification: 36 pages.

Drawings: Nil

IND. CL. : 116 E [XIX] 190955  
 INT. CL. : B 66 F - 1/00, 3/00  
 TITLE : AN IMPROVED PRECISION SCREW JACK  
 APPLICANT & INVENTORS : ASHOK KRISHNA RAO NAZARE, TUSHMINA BUILDING,  
 396, BUDHWAR PETH, PUNE 411 002, MAHARASHTRA,  
 INDIA. AN INDIAN NATIONAL.

APPLICATION NO : 664 BOM 1998 FILED ON 16.10.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
 PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 CLAIM

An improved precision screw jack comprising a main body having wider hollow base and a vertical cavity provided in the said body, a fine pitched screw adopted to be moved in upward and downward direction on rotation inside the said vertical cavity, a lock nut engaging the said screw provided above the said body, a locator component and an adapter provided above the said lockout characterized in that a hole being provided on the lower side of the said locator component for engaging a tommy to rotate the said screw and a stepped recess being provided on the upper side of the said locator component for press fitting therein a steel ball providing a point contact to the said adapter resting thereon and the top surface of the said adapter being flat, recessed or conical.

Comp.specn, 04 pages

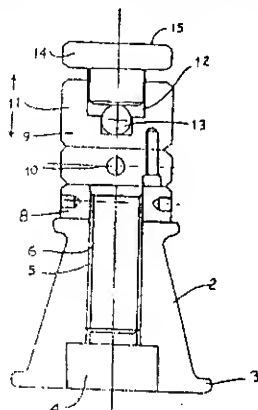


FIG. 1

Drawings: 01 sheet

190956

IND. CL. : 170 D

INT. CL. : C 11 D - 35/ 00

TITLE : A PROCESS FOR PREPARING A SKIN CARE COMPOSITIONS

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTORS : 1. SREEKUMAR PILLAI  
2. UMA SANTHANAM  
3. MARIEANN CARLOMUSTO  
4. CAROL ANNETTE BOSKO

APPLICATION NO : 425/BOM/1998 FILED ON 29.06.1998  
Priority No.08/901052 dated 25.07.1997 of USA.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003 , PATENT OFFICE BRANCH , MUMBAI - 13.

### 09 Claims

A process for preparing a skin care composition comprising:

- a. providing an organic extract of chick peas following conventional solvent extraction of dried chick peas to obtain said organic extract in selective amount such as to deliver an estrogenic activity equivalent to at least 1 nM of estradiol; and
- b. combining said organic extract of chick peas in said selective amount with a conventional cosmetically acceptable vehicle selected from the group consisting of water, emollients, solvents, humectants, thickeners, and powders.

Comp.specn. 33 pages

Drawing : NIL

IND. CL. : 97E  
INT. CL. : H 03K.17/96  
TITLE : DEVICE FOR SEALING A LEVELER DOOR OPENING OF A COKE OVEN CHAMBER  
APPLICANT : GESELLSCHAFT FUR EORSCHUNG UND PRUFUNG MBH, FRANZ - FISCHER - WEG 61,45307 ESSEN, GERMANY.  
INVENTORS : 1. HANS-JOSEF GIERTZ  
2. DR. FRIEDRICH HUHN  
3. FRIEDRICH-WILHELM CYRIS  
4. FRANZ LIESEWITZ

190957

APPLICATION NO. : 438/BOM/1998 FILED ON : 06-07-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 1973). PATENT OFFICE BRANCH, MUMBAI 13.

### 15 CLAIMS

A device for sealing a leveler door opening of a coke oven chamber during top charging of the coking coal provided with a housing connectable to the leveler door opening so as to form a seal, through which is guided leveler bar (2) comprising at least side segments (3) and cross segments (4) connecting the latter, which housing is provided with means for sealing the cross sectional area of the opened leveler door or in front of the opened leveler door, characterized in that a regulable or controllable exhaust fan (8) is connected to housing (1) and a measuring location (10) is provided for flow measurement.

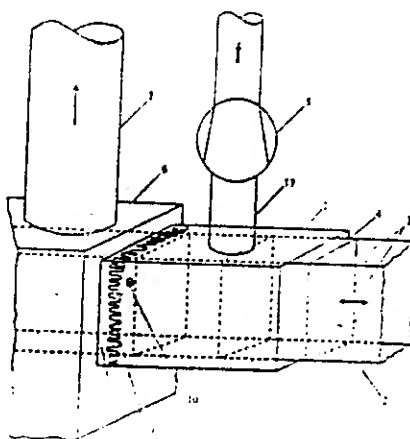


FIGURE 1

Complete specification: 17 pages.

Drawings: 05 Sheets

IND. CL. : 69 A 190958

INT. CL. : H 01 H - 73/00

TITLE : IMPROVED EARTH LEAKAGE CIRCUIT BREAKER(ELCB)  
WITH A TRIP-ON-FAULT POSITION IN ADDITION TO  
NORMAL ON-OFF POSITIONS OF THE ON-OFF KNOB

APPLICANT : DATAR SWITCHGEAR LIMITED, F-8, D-ROAD, MIDC,  
AMBAD, NASIK- 422 010. MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INVENTORS : (1) RAJAN BHALCHANDRA DATAR  
(2) BABASAHEB TULSHIRAM PAGAR  
(3) AJABSINGH SHANKARSINGH PARDESHI

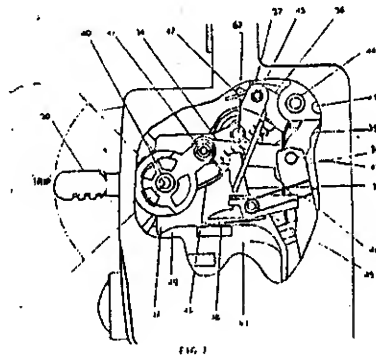
APPLICATION NO : 437 BOM 1998 FILED ON 06.07.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003, PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 Claim

An improved earth leakage circuit breaker with a 'Trip-on-Fault position' in addition to normal 'on/off' positions of the 'on/off' knob comprising a latch mechanism consisting of 'on/off' knob, a rotor link, knob link, a lever link, a lever with lock and release arrangement, a reset lever, 'on/off' knob spring, lock lever spring and a release lever spring, characterized in that an obstruction in the form of a top plate rivet provided on the top plate, thereby restricting the movement of the knob link and thus restricting the movement of the 'on/off' knob from 'ON' position to the 'trip on fault position' only.

Comp.specn. 07 pages



Drawings: 03 sheets

IND. CL. : 86 190959

INT. CL. : G 12 B - 9/00

TITLE : DEVICE FOR HOLDING AND MANUALLY ROLLING A DRUM ON A SURFACE.

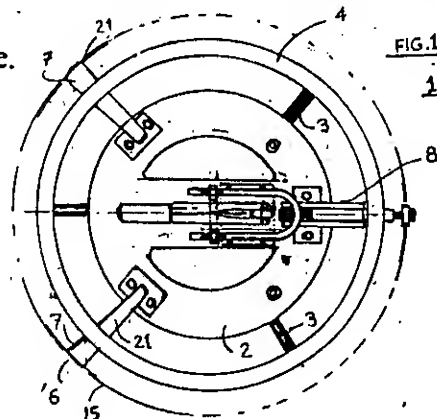
APPLICANT & INVENTOR : ALURKAR GURUNATH VAMAN, 128/2, SWAROOP NAGARI, KARVE ROAD, KOTHRUD, PUNE 411 029, MAHARASHTRA, INDIA. AN INDIAN CITIZEN.

APPLICATION NO : 440 BOM 1998 FILED ON 9<sup>th</sup> JULY, 1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 01 CLAIM

The device for holding and manually rolling a drum on a surface comprising strong flat annular base having plurality of outwardly extending strong arms supporting round or polygonal steering- wheel- like ring; the said annular base provided with two radial strong fixed arms and subtending an angle of 120°; the said fixed arms having bent/curved claws on their outer free ends; the said annular base also provided with a third radial arm subtending an angle of 120° with reference to the said fixed arms; the said third arm provided with a sliding component having at its free end a sliding claw mounted on a spring supported threaded stud; the said sliding component is linked with a bar like lever to a spring loaded latch; and a base plate supporting the said latch is provided with a groove for holding the said latch handle in operative state.



Comp.specn. 5 pages

Drawings: 1 sheet

IND. CL. : 170 D 190960  
INT. CL. : C 11 D - 3/386  
TITLE : A DETERGENT COMPOSITION  
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY  
INVENTORS : (1) EDDIE NELSON GUTIERREZ  
(2) SHANG-REN WU  
(3) UDAY RACHERLA  
(4) ROBERT CHARLES VERMEER  
APPLICATION NO : 480 BOM 1998 FILED ON 27.07.1998  
Priority No. 08/905581 dated 04.08.1997 of U.S.A.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003, PATENT OFFICE BRANCH, MUMBAI - 13.**

**13 CLAIMS**

A detergent composition comprising:

- (a) from 1% to 75% by weight of a detergent surfactant selected from anionic surfactants, nonionic surfactants, zwitterionic surfactants, ampholytic surfactants, cationic surfactants and mixtures thereof;
- (b) from 5% to 80% by weight of a detergency builder;
- (c) from 0.001% to 5% by weight of an enzyme; and
- (d) from 0.001% to 5% by weight of polyethyleneimine, polyethyleneimine salt or mixtures thereof,

wherein the polyethyleneimine is branched and has an average molecular weight of from 700 to 1,000,000 and the composition is substantially free of bleach compounds.

Comp.specn. 120 pages

Drawing: NIL

IND. CL. : 55 D2, 32 F1 190961  
INT. CL. : A 01 N - 25/ 08  
TITLE : A PROCESS OF PREPARATION OF A SYNERGISTIC STORAGE STABLE GRANULAR INSECTICIDAL AND ACARICIDAL COMPOSITION OF 2-CHLORO-2-DIETHYLCARBAMOYL-1-METHYL VINYL DIMETHYLPHOSPHATE.  
APPLICANT : UNITED PHOSPHORUS LTD., UNIPHOS HOUSE, C.D. MARG, KHAR (WEST), MUMBAI 400 052, MAHARASHTRA, INDIA.  
INVENTORS : (1) JAIDEV RAJANIKANT SHROFF  
(2) PRAKASH MAHADEV JADHAV  
APPLICATION NO : 1163 MUM 2000 FILED ON 27.12.2000  
Complete after provisional filed on 20.12.2001

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003 , PATENT OFFICE BRANCH , MUMBAI - 13.**

### 21 CLAIMS

A process for the preparation of a synergistic storage stable granular insecticidal and acaricidal composition of 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethylphosphate comprises of the following steps:

- a) preparation of a homogeneous mixture of wetting agent, dispersing agent, conventional additives, stabilizers and filler(s);
- b) spraying the 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethylphosphate active over the mixture of step (a);
- c) homogeneously mixing the whole mass of step (b);
- d) feeding the mass of step (c) in to the granulator for granulation;
- e) the granules of the step (d) are then processed for sizing and sieving to have synergistic storage stable granular insecticidal and acaricidal composition of 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethylphosphate of this invention.

Prov.Specn. 04 pages  
Comp.specn. 18 pages

Drawings: Nil  
Drawings: 01 sheets

IND. CL. : 55E 190962

INT CL. : CO 7D 499/00  
C 12 R 1:32  
A 61 P 31 / 06

TITLE : THE PROCESS FOR PREPARING PHARMACEUTICAL  
COMPOSITION FOR THE TREATMENT OF DRUG  
RESISTANT MYCOBACTERIUM TUBERCULOSIS  
INFECTION.

APPLICANT : DR. BAKULESH MAFATLAL KHAMAR,  
& 201 "ASHADHA", VASUNDHARA  
COLONY, GULBAI TEKRA,  
INVENTORS : ELLISBRIDGE,  
AHMEDABAD 380 006, GUJARAT,  
INDIA. AN INDIAN NATIONAL

APPLICATION NO. : 595 MUM 2000 FILED ON : 28-06-2000

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON  
27-07-2001.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS  
RULES 2003), PATENT OFFICE BRANCH, MUMBAI-13.

### 10 CLAIMS

The process for preparing pharmaceutical composition for the treatment of drug  
resistant Mycobacterium tuberculosis infection comprises steps of making a blend  
containing Isoniazid (INH) and penicillin in ratio between 1:05 to 1:20 by weight and  
preparing a pharmaceutical composition.

Complete specification: 24 pages,  
Provisional specification: 02 Pages

Drawings: Nil Sheet.  
Drawings: Nil Sheet.

IND. CL. : 55 E4 **190963**

INT. CL. : A 61 K- 9/ 22

TITLE : A PROCESS FOR THE PREPARATION OF A CONTROLLED  
RELEASE ANTI-INFLAMMATORY ORAL FORMULATION.

APPLICANT : AJANTA PHARMA LIMITED, AN INDIAN COMPANY,  
AJANTA HOUSE, 98, GOVT. INDUSTRIAL AREA, CHARKOP,  
KANDIVLI (WEST), MUMBAI 400 067, MAHARASHTRA,  
INDIA.

INVENTORS : (1) DR. BIYANI MILIND KESHARLAL  
(2) DR. JATHAR SHRIPAD RHUSHIKESH  
(3) ACHARYA MANUTOSH MANOHAR

APPLICATION NO : 561/MUM /2000 FILED ON 20.06.2000  
Complete specification filed after provisional specification on :  
02.11.2000

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003 , PATENT OFFICE BRANCH , MUMBAI - 13.**

### **11 CLAIMS**

A process for the preparation of a controlled release anti-inflammatory nimesulide oral formulation comprising mixing 45-65% by weight of nimesulide with 10-30% by weight of hydrophilic polymer as retardant and pharmaceutically acceptable auxiliary agents and/or excipients.; wherein the nimesulide is partially or fully dispersed in the hydrophilic polymer.

Prov.Specn. : 14 Pages  
Comp.specn: 16 Pages

Drawings: NIL  
Drawings: NIL

IND. CL. : 129 P[ XXXV ], 151 F [XLVIII (2)] 190964  
INT. CL. : B 65 H -81/ 00  
TITLE : A METHOD OF MAKING INTEGRALLY FINNED TUBES AND  
A SPECIALLY SHAPED FINNING TOOL THEREFOR.  
APPLICANT : KESRI METAL LIMITED, 561, URLA INDUSTRIAL AREA,  
RAIPUR 493 221 (M.P.), INDIA. AN INDIAN COMPANY.  
INVENTOR : PYARA LAL GUPTA  
APPLICATION NO : 249 BOM 1998 FILED ON 28.04.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003, PATENT OFFICE BRANCH, MUMBAI - 13.

### 06 Claims

A method of making integrally finned tubes for devices like radiators, condensers, etc. comprising the steps of :

- turning the tube to be finned on a lathe with an integrated shaped finning tool head in the tool holder, with center line of said tool holder making an acute angle with the horizontal plane;
- cutting an outer layer of said tube by said finning tool and simultaneously converting the cut layer into fin by straightening, using taper portion of said finning tool; and
- generating spiral fins as unseparated chips are formed on the surface of said tube.

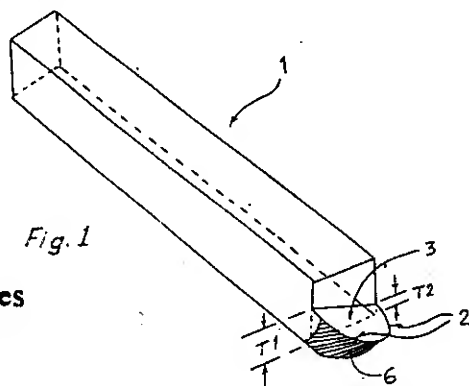


Fig. 1

Comp.specn. 07 pages

Drawings: 02 sheets

IND. CL. : 56 F 190965  
INT. CL. : C 10 G 45/44  
TITLE : A PROCESS FOR SATURATING AROMATIC COMPOUNDS CONTAINED IN HYDROCARBON FEED STOCKS  
APPLICANT : INDIAN OIL CORPORATION LTD.  
(A GOVERNMENT OF INDIA UNDERTAKING), OF G-9,  
ALI YAVAR JUNG MARG,  
BANDRA (E), MUMBAI- 400 051.  
MAHARASHTRA, INDIA.  
INVENTORS : 1. RAKESH SARIN  
2. SABYASACHI SINHA RAY.  
3. DEEPAK KUMAR TULI  
4. AKHILESH KUMAR BHATNAGAR  
5. GURSHARN SINGH GROVER  
6. RAGHUNATH VITTAL CHAUDHARI  
APPLICATION NO. : 254 BOM 1998 FILED ON : 04-05-1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003); PATENT OFFICE BRANCH, MUMBAI 13.

### 09 CLAIMS

A process for saturating aromatic compounds contained in a hydrocarbon feedstock having boiling range between about 100°C and about 500°C comprising contacting said feedstock with hydrogen at a temperature between 20°C to 200°C in the presence of an inert atmosphere at a hydrogen pressure between 50 psig to 1500 psig and a zero valent rhodium metal halide complex catalyst.

Complete specification: 13 pages.

Drawings: Nil Sheet.

IND. CL. : 143 (3); 179 (F+G) 190966

INT. CL. : B 65 D - 75/ 58

TITLE : A RECLOSABLE TOOTHPASTE HOLDER.

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : (1) SHASHANK VAMAN DHALEWADIKAR  
(2) RONALD JOHN MILIO  
(3) NAGESH KESHAV PAL

APPLICATION NO : 355 BOM 1998 FILED ON JUNE 10,1998  
Priority No. 9712075.2, 9719827.9 dated 10.06.1997, 17.9.1997 of  
U.K.

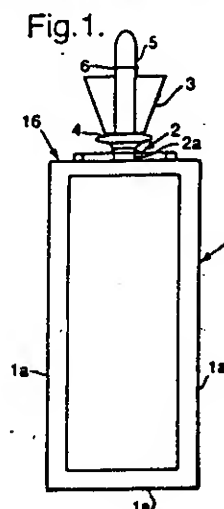
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 10 Claims

A reclosable toothpaste holder comprising two laminated sheets, a neck and closure means, wherein edges of the laminated sheets are sealed to form a sachet, the sachet having the neck inserted into and protruding out of one end of the sachet in a direction along the general plane of the sachet, wherein the neck has an aperture defining an opening through which tooth paste can pass from the sachet and wherein the closure means is detachably fixed at the distance end of the neck so as to close the aperture.

Comp.specn: 16 pages Drawings : 02 sheets

tg



IND. CI : 128 G 190967

INT. CL. : A 61 B 1/00

TITLE : AN IMPROVED LARYNGOSCOPE

APPLICANT & INVENTOR : HARISH VALLABHJI THAKKAR,  
AN INDIAN NATIONAL OF  
" JASMINE" 1, KOTECHANAGAR,  
KALAWAD ROAD,  
RAJKOT - 360 001, GUJARAT, INDIA.

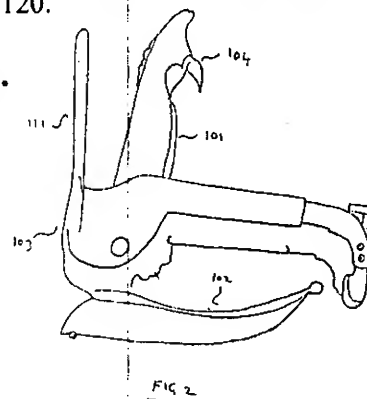
APPLICATION NO. : 408 / BOM/ 98 FILED ON 24. 06.98

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13**

**06- CLAIMS.**

An improved laryngoscope comprising a handle, a blade configured to reach up to vocal cord of the patient, a cricoid pressure application means, the said handle being provided with an electric switch at its upper part and a hook at the posterior part, and a housing at its middle part accommodating rechargeable battery cells or means provided for connection of AC from main supply, the lower end of the handle adapted to interlock with the said cricoid pressure application means and one end of the blade; the blade comprising an electric bulb connected to said batteries or AC supply through said switch and fibre optic device to transport light of the said bulb to the front tip of the said blade, the said cricoid pressure application means comprising "U" shaped body with a knob and two arms, each of the arms of the "U" shaped body having longitudinal cavities a "U" shaped lever rotatably provided within one of the cavities, free ends of the arms of "U" shaped lever having serrations or teeth and at the other end is located an adjustable pressure application means, the pressure application means are rotatably fitted within a slot at the end of cricoid application device by means of knob; a housing rotatably pivoted near the knob 111 provided near the other end portion of cricoid pressure application means and adapted to receive and interlock with the said electric bulb, a spring provided between knob 111 and the housing, the housing being adjustable by threading and unthreading of the screw 120.

**Complete Specification 13 pages; Drawings 07 sheets.**



IND. CL. : 17 E 190968

INT CL. : C 02 F 03|00

TITLE : AN ANAEROBIC BIO-REACTOR FOR TREATING EFFLUENT MATERIAL

APPLICANT : THERMAX LIMITED  
D-13, MIDC INDUSTRIAL AREA,  
CHINCHWAD, PUNE-411 019, MAHARASHTRA, INDIA.  
AN INDIAN COMPANY.

INVENTORS 1. DILIP WAMAN BAPAT.  
2. VISHWANATH PUNDALIK  
BHANDARKAR  
3. VENKATARAMAN KALYAN RAMAN

APPLICATION NO. : 414/BOM/1998 FILED ON : 17-09-1999

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON 17-09-1999.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 09CLAIMS

An improved aerobic fluidized bed bio-reactor for treating industrial effluent material like effluent from food processing industries, pharmaceutical and pesticide industries and municipal sewage comprising a two stage reactor connected in series, each reactor being provided with air grid at the lower portion of the reactor, the said air grid being connected to an air supply source, the first stage reactor having means for supplying effluent material to be treated in the aerobic bio reactor while second stage-reactor is connected with the first reactor in series and there being an outlet for the second stage reactor for taking out the treated material, said reactors having fluidized particulate polymeric materials such as polyethylene, poly vinyl chloride, polypropylene and acrylonitrile butadiene styrene suspended in the effluent material being treated.

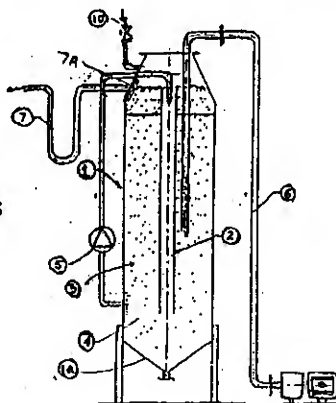


FIG -1

Complete specification: 16 pages,  
Provisional specification: 04 Pages

Drawings: 25 Sheets.  
Drawings: Nil Sheet.

IND. CL.	:	201 D	190969
INT. CL.	:		
TITLE	:	IMPROVEMENTS IN OR RELATING TO SEQUENTIAL BATCH REACTORS	
APPLICANT	:	THERMAX LIMITED, D-13, MIDC INDUSTRIAL AREA, CHINCHWAD, PUNE 411 019, MAHARASHTRA, INDIA. AN INDIAN COMPANY.	
INVENTORS	:	(1) DILIP WAMAN BAPAT (2) VISHWANATH PUNDALIK BHANDARKAR (3) SAMIR VASUDEO KULKARNI (4) TULSHIDAS PANDHARINATH AVHAD	
APPLICATION NO	:	415 BOM 1998 FILED ON 25.06.1998 Complete after provisional specification left on : 17.09.1999	

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

## 04 Claims

A sequential aerobic bio-reactor for aerobic digestion of effluents such as municipal and kitchen wastes comprising two reaction zones separated one from the other, each reaction zone having an influent feed pipe extending to the inside bottom of the respective reaction zones, air feeding pipes extending to the inside bottom of the reaction zones and having suitable air grids provided at the lower end and adapted to bubble air into the media being treated, said air feed pipes being provided preferably with a common roots blower outside the tank for feeding air and said zones having product outlet pipes adapted to be operated in sequential order, the influent inside the two reaction zones having light weight polymeric material as herein described in a fluidized state, the density of the said polymeric material being close to that of the medium being aerobically digested.

Prov.Specn. : 9 pages      Drawings: NIL  
Comp.specn.: 10 pages      Drawings: 01 sheets

tg

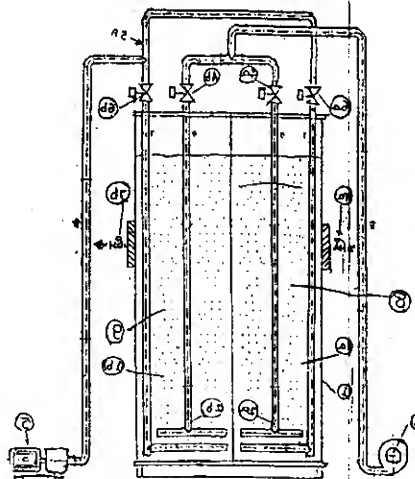


Fig-1



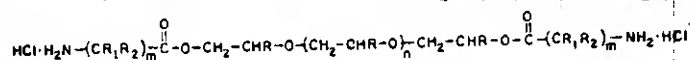
Indian Classification	:	32	190971
International Classification <sup>7</sup>	:	C08G 69/00	
Title	:	"A SINGLE STEP PROCESS FOR PREPARATION OF DIESTERS OF POLY (OXYALKYLENE GLYCOL) AND AMINO ACIDS HYDROCHLORIDES."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	BHALCHANDRA SHRIPAD LELE - INDIAN MOHAN GOPALKRISHNA KULKARNI - INDIAN	

Application for Patent Number 593/Del/99 filed on 19<sup>th</sup> April 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

### ( 6 Claims )

A single step process for preparation of diesters of poly (ethylene glycol) and amino acid of formula I



Formula. 1

wherein,  $\text{R}_1=\text{R}_2=\text{H}$ ,  $m$  is an integer from 0 to 12 or

When  $\text{R}_1=\text{H}$ ,  $\text{R}_2=-\text{CH}_2-\text{Ph}-\text{OH}$  or  $-\text{CH}_2-\text{SH}$  or  $\text{CH}_3-(\text{CH})-\text{CH}_2-\text{CH}_3$  and  $m$  is an integer equal to 1

$\text{R}$  is hydrogen or methyl or mixture of hydrogen and methyl on the individual molecule and  $N$  is an integer of from 0 to 100,

which comprises reacting poly (oxyalkylene glycol) and amino acid hydrochloride in the presence of carbodiimide as a condensing agent in a water miscible solvent at a temperature in the range of 0 °C to room temperature for a period ranging between 1 hr to 24 hrs, filtering the reaction mixture, pouring the filtrate in an another solvent which is a nonsolvent such as diethyl ether for the product, isolating the precipitated product to obtain the said diester.

(Complete Specification 14 Pages Drawings 1 Sheet)

Indian Classification	:	55 E <sub>4</sub>	190972
International Classification <sup>4</sup>	:	A 61 K- 009/58; 031/074.	
Title	:	<b>“PROCESS FOR THE PREPARATION OF FAST MOUTH DISSOLVING TABLETS OF PHARMACEUTICAL COMPOSITION CONTAINING NIMESULIDE”.</b>	
Applicant	:	<b>PANACEA BIOTEC LIMITED</b> , of 102, Ashok Plaza, 24, School Lane, New Delhi-110001, an Indian company incorporated under the Companies Act, 1956.	
Inventors	:	<b>AMARJIT SINGH-INDIAN</b> <b>RAJESH JAIN-INDIAN.</b>	

Application for Patent Number 649/DEL/99 filed on 28/04/1999  
Complete left after Provisional specification filed on 24/07/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims )

A process for the preparation of Fast mouth dissolving tablets of a pharmaceutical composition containing Nimesulide comprising mixing Nimesulide and sugar alcohol(s), as herein described, in a weight ratio of 1:1 : 1:3, the mixture thus obtained is formed into tablets by conventional tablet forming method and optionally adding binding agents, disintegrating agents, lubricating agents, sweetening agents, flavouring agents and acidifying agents to the mixture before forming it into the tablets.

(Provisional specification 22 Pages Drawing 01 Sheet)  
(Complete Specification 26 Pages Drawing NIL Sheet)

Indian Classification	:	55 E 4	190973
International Classification <sup>7</sup>	:	A61K 35/78	
Title	:	"A PROCESS FOR PRODUCING A HERBAL COMPOSITION FOR USE IN IRRITABLE BOWEL SYNDROME."	
Applicant	:	DINESH BOTHRA, an Indian National of 630, Maruti Mane Block, Asiad Village Complex, New Delhi-110 049, INDIA.	
Inventors	:	GOVIND PRASAD DUBEY - INDIAN ARUNA AGARWAL - INDIAN	

Application for Patent Number 133/Del/ 99 filed on 22<sup>nd</sup> Jan. 99.  
Complete left after provisional on 14.1.2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 005.

( 7 Claims )

A process for producing a herbal composition for use in irritable bowel syndrome comprising mixing 300 to 700 mg of an organic extract of *Aegle marmelos* (Bel), 100 to 300 mg of *Ficus glomerata* (Goolar), 100 to 300 mg of *Holarrhena antidysentrica* (Kutaj), 100 to 300 mg of *Convolvulus pluricaulis* (Shankhapushpi) and 100 to 300 mg of *Nardostachys jatamansi* (Jatamansi).

(Provisional Specification 9 Pages ; Drawings Nil Sheets)  
(Complete Specification 10 Pages ; Drawings Nil Sheets)

Indian Classification	:	32F2(b) 55 E	190974
International Classification <sup>7</sup>	:	A61K 9/22, A61K 31/40	
Title	:	"PROCESS FOR THE PREPARATION OF SUSTAINED RELEASE FORMULATION OF ETODOLAC."	
Applicant	:	RANBAXY LABORATORIES LTD., a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019, INDIA	
Inventors	:	RAJIV SINGH RAGHU VANSHI - INDIAN ASHOK RAMPAL – INDIAN HIMADRI SEN – INDIAN.	
Kind of Application	:	Complete	

Application for Patent Number 1210/Del/99 filed on 10<sup>th</sup> Sept. 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 6 Claims )

A process for the preparation of a solid, dosage form of Etodolac which releases Etodolac in a sustained manner, said process comprising :

- (i) mixing
  - (a) Etodolac in a weight range of 1-600 mg.
  - (b) Hydroxypropyl cellulose-L having a viscosity grade of 6-10 centipoises, when measured as 2% aqueous solution at 20°C, in the range of 5-40% w/w of the total weight of the dosage form,
  - (c) Hydroxypropyl cellulose-M having a viscosity grade of 150-400 centipoises, when measured as 2% aqueous solution at 20°C, in the range of 5-25% of the total weight of the dosage form, and
  - (d) Lactose as a diluent to obtain a dry blend.

(Complete Specification 9 Pages Drawings Nil Sheets)

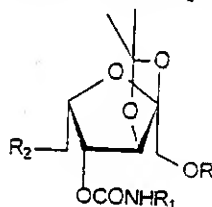
Indian Classification	: 55 E	190975
International Classification <sup>7</sup>	: A61K 31/00	
Title	: "A PROCESS FOR THE PREPARATION OF DERIVATIVES OF MONOSACCHARIDES AS NOVEL CELL ADHESION INHIBITORS."	
Applicant	: RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi - 110019. INDIA.	
Inventors	: SUDERSHAN KUMAR ARORA - INDIAN NAWAL KISHORE - INDIAN JANG BAHADUR GUPTA - INDIAN VISHWAS DATTATRAYA JOSHI- IDNIAN	

Application for Patent Number 0086/Del/99 filed on 15<sup>th</sup> Jan. 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 2 Claims )

A process for preparing monosaccharide derivatives of 2,3,-O-isopropylidene- $\alpha$ -L-xylo-2-hexulofuranonic acid of Formula I and its pharmaceutically acceptable salts,



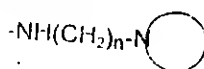
wherein

FORMULA I

R is C<sub>1</sub> to C<sub>15</sub> alkyl, alkene, alkyne (Straight chain or branched), aryl, substituted aryl or alkylaryl;

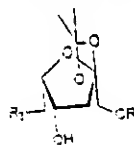
R<sub>1</sub> is phenyl, o-,m-or p-chlorophenyl, tolyl, methoxyphenyl or nitrophenyl;

R<sub>2</sub> is H, pyrrolidinyl, piperidinyl, morpholinyl or hexamethyleneimino or a radical of the formula NHR<sub>3</sub> wherein R<sub>3</sub> is C<sub>1</sub> to C<sub>15</sub> alkyl, alkene or alkyne (straight chain or branched) or a radical of the Formula III



Formula III

in which  $n$  is a whole number upto 5 and  $N$  is a five membered, six membered or seven membered heterocyclic ring containing one or more heteroatoms, which comprises treating the compound of formula II



FORMULA II

with a suitable isocyanate in a suitable solvent at low temperature to give the compound of Formula I (scheme I)

(Complete Specification 37 Pages Drawings 2 Sheets)

Indian Classification	:	32C.	190976
International Classification <sup>4</sup>	:	C 12N 015/76.	
Title	:	<b>"A METHOD OF PREPARING A SUBSTANTIALLY PURIFIED OR ISOLATED POLYPEPTIDE".</b>	
Applicant	:	PFIZER PRODUCTS, INC., a corporation organized under the laws of the State of Connecticut, United States of America, of Eastern Point Road, Groton, Connecticut 06340, USA.	
Inventors	:	<b>KIM JONELLE STUTZMAN-ENGWALL BRENDA SUE PRICE-BOTH US</b>	

Application for Patent Number 1203/DEL/99 filed on 08/09/99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi – 110 008.

(02 Claims)

A method of preparing a substantially purified or isolated polypeptide, comprising the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:4 or a homologous polypeptide or peptide fragment thereof having same function, comprising culturing the transformed host cell having the characteristics as herein described comprising recombinant vector comprising polynucleotide molecule comprising a nucleotide sequence encoding the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:4; or (b) a polynucleotide molecule that is homologous to the polynucleotide molecule of (a); or (c) a polynucleotide molecule comprising a nucleotide sequence encoding a polypeptide having an amino acid sequence that is homologous to the amino acid sequence of SEQ ID NO:2 or SEQ ID NO:4; or (d) a polynucleotide molecule consisting of a nucleotide sequence that is a substantial portion of any of the polynucleotide molecules of (a), (b) or (c) under conditions conducive to the expression of the polypeptide or peptide fragment, and recovering in a known manner said polypeptide or peptide fragment from the cell culture in substantially purified or isolated form.

Indian Classification	:	55E <sub>4</sub>	190977
International Classification <sup>4</sup>	:	A 61 K 31/00; 39/00.	
Title	:	<b>"A process for the isolation and purification of protein P24 of HIV-1 subtype B".</b>	
Applicant	:	University of Delhi South Campus, Department of Biochemistry, Benito Juarez Road, New Delhi- 110 021, India.	
Inventors	:	<b>SANJAY GUPTA. KAJAL ARORA. AMITA GUPTA. VIJAY KUMAR CHAUDHARY-all INDIA.</b>	

Application for Patent Number 1477/DEL/99 filed on 12.11.99

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 -  
Patent Office, Delhi Branch, New Delhi - 110 008.

(02 Claims)

A process for the isolation and purification of protein p24 of HIV-1 (subtype B) (a non living protein) for use in diagnostics and therapeutics of AIDS comprising:

step(i)-isolating gag gene from p24(B) from known sources as herein described by conventional methods preferably polymerase chain reaction (PCR).

step(ii)- transforming *E.coli* with an expression vector pVCp24B210. obtained by cloning of said p24(B) gene into T7 promotor based expression vector for expressing p24(B) protein.

step(iii)- centrifuging the transformed *E.coli* cells and isolating p24(B) protein by known methods.

step(iv)- purifying at a temperature between 2-8°C p24(B) protein by column chromatography method consisting of Q-Sepharose anion exchange column followed by SP-Sepharose cation exchange column to get higher yields of protein p24(B)

(Complete Specification 16 Pages Drawing 04 Sheet)

Indian Classification	:	83 A	190978
International Classification <sup>7</sup>	:	A23D 7/00	
Title	:	"A PROCESS FOR THE PREPARATION OF A SPICED LOW FAT SPREAD."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	SUNKI REDDY YELLA REDDY - INDIAN RAMAKRISHNA CHETANA - INDIAN JAMBUR VENKATESHAIAH PRABHAKAR - INDIAN	

Application for Patent Number 1286/Del/99 filed on 23<sup>rd</sup> Sept. 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 - Patent Office Branch, New Delhi - 110 008.

**( 6 Claims )**

A process for the preparation of a spiced low fat spread, which comprises blending solid phase 54-58% by wt and fat phase 42-46% by wt, where in: Solid phase consisting of Bengalgram dhal: 17-19% by wt; Blackgram dhal: 17-19% by wt.; peanuts: 5.5-6.3% by wt.; Chillies: 1-1.5% by wt.; roasted and ground to 60 mesh size; salt: 2.5-3.0% by wt.; sugar 2-2.5% by wt.; preservatives 0.01 to 0.03% by wt. optionally containing savouring agents such as tamarind powder or amichur 3.6-4.0% by wt.; desiccated coconut 8 to 9% by wt.; flavoring agents 150 to 300 ppm and a fat phase mainly containing 1) hydrogenated vegetable fats 21 to 23% by wt., 2) vegetable oil 21 to 23% by wt., 3) emulsifiers 0.3 to 0.5% by wt., 4) permitted antioxidants 0.01 to 0.02% by wt., mixing and grinding all the ingredients and then suddenly chilling to 0°C to 10°C to get the spread.

(Complete Specification 21 Pages Drawings Nil Sheet)

Indian Classification	55 E	190979
International Classification <sup>7</sup>	C 07 D - 207/26	
Title	<b>"A PROCESS FOR PREPARING A PROTECTED 4-AMINOMETHYLPYRROLIDIN-3-ONE"</b>	
Applicant	<b>LG CHEMICALS LIMITED</b> a Korean Company Yongdungpo-Ku Seol, Republic of Korea.	
Inventors	<b>KWANG YUL MOON</b> <b>WON SUP KIM</b> <b>TAE HEE LEE</b> <b>JAY HYOK CHANG</b> <b>ALL KOREAN</b>	
Kind of Application	<b>CONVENTION/COMPLETE</b>	

Application for Patent Number 361/Del/99 filed on 03.03.99.

CONVENTION APPLICATION NO. 98-7079/KOREA/04.03.1998

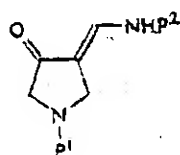
98-43636/KOREA/19.10.1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 005.

(10 Claims)

A process for preparing a protected compound 4-aminomethylpyrrolidin -

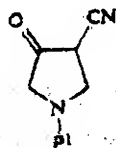
3- one of formula (1):



(1)

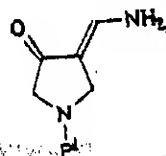
Wherein P<sup>1</sup> and P<sup>2</sup> are protecting groups; comprising

a) reacting a compound of formula (5):



(5)

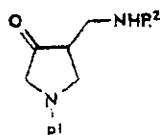
wherein P<sup>1</sup> is defined for formula (1); with a Raney-nickel catalyst in a solvent under hydrogen pressure to produce a compound of formula (6):



(6)

wherein  $P^1$  is defined for formula (I), wherein the solvent is used in an amount of 2 to 20 times by volume with respect to the compound of formula (5), the hydrogen pressure is from atmospheric pressure to 50 atms, and the reaction temperature is from room temperature to 60 °C;

- (b) reacting the compound of formula (6) with di(t-butoxy) dicarbonate, pivaloyl chloride or acetyl chloride to produce a compound of formula (7):



(7)

wherein  $P^1$  and  $P^2$  are defined for formula (I),

wherein one or more bases selected from the group consisting of lithium t-butoxide, lithium isopropoxide, potassium t-butoxide, sodium t-butoxide, lithium chloride, sodium hydroxide and potassium hydroxide are used in an amount of 2.0 to 4.0 molar equivalents with respect to the compound of formula (6), one or more solvents selected from the group consisting of tetrahydrofuran, toluene and dioxane are used in an amount of 5 to 20 times by volume with respect to the compound of formula (6), and the temperature ranges from -40 to 10 °C; and

- (c) Selectively reducing the double bond in the compound of formula (7) by reacting the compound of formula (7) with a metal catalyst in a solvent under hydrogen pressure to thereby produce the compound of formula (1), wherein one or more metal catalysts selected from the group consisting of Raney-nickel, palladium-carbon and Lindlar's catalyst are used in an amount of 0.5 to 20% by weight with respect to the compound of formula (7), one or more solvents selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, tetrahydrofuran, dioxane, acetone, methyl ethyl ketone, ethyl acetate and butyl acetate are used in an amount of 5 to 100 times by volume with respect to the compound of formula (7), and the reaction temperature ranges from 0 to 50 °C and the PH of the reaction solution is adjusted to 8 to 10 using one or more organic amines or buffer solution.

Indian Classification : 83 A1 190980

International Classification<sup>7</sup> : A23L 001/164 A21D 002/00

Title : "A PROCESS FOR THE MANUFACTURE OF FAT FREE READY-TO-EAT (RTE) FLAKED FOOD FROM CEREALS."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors : SILA BHATTACHARYA - INDIAN  
SREEDHARA MURTHY SRINIVASACHAR - INDIAN  
NARASIMHA HAMPAPURA VENKATARAMA IYENGAR  
INDIAN

Application for Patent Number 812/Del/99 filed on 27<sup>th</sup> May 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi - 110 008.

( 7 Claims )

A process for the manufacture of fat free ready-to-eat(RTE) flaked food from cereals selected from maize, jower, rice, or mixture thereof, which comprises cleaning, grading of whole grain cereals by conventional methods such as here in described, soaking the cleaned and graded whole grains in hot water at a temperature in the range of 60-95°C and leaving for a period of 10-15 hours without maintaing the temperature, draining the water and roasting the soaked grain at a temperature in the range of 120-300°C for a period in the range of 40 sec-10 min, milling the roasted grain to obtain grits of size in the range of 3 to 8 mm mesh, flaking the roasted grits by conventional manner such as herein described, drying the flakes at a temperature 40-80°C for a period of 5-60 minutes, mixing the obtained flakes with additives characterized in comprising of 0-0.5 wt% of flavoring agent, 1-10 wt% of taste maker ingredients and 0-0.02 wt% antioxidants as defined hererin, tempering for 2-6 hours, drying at a temperature in the range of 40-80°C for a period of 5-60 minutes, toasting the dried flake at a temperature in the range of 150-350°C for a period of 5-50 second to obtain desired ready-to-eat flaked foods.

(Complete Specification 20 Pages Drawings Nil Sheet)

Indian Classification	:	55 D <sub>1</sub>	190981
International Classification <sup>4</sup>	:	A 61 K 35/78	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF A HERBAL COMPOSITION FOR THE TREATMENT OF LEUCODERMA".</b>	
Applicant	:	The Chief Controller, Research and Development, Ministry of Defence, Govt. of India, B-341, Sena Bhawan, DHQ P.O., New Delhi, India.	
Inventors	:	PURAN SINGH RAWAT GAURI SHANKER VERMA NARENDRA KUMAR HEMANT KUMAR PANDAY NALINI JOSHI-all Indian	

Application for Patent Number 50/DEL/2000 filed on 24.01.2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, Delhi Branch, New Delhi – 110 005.

(08 Claims)

A process for the preparation of herbal composition for treatment of leucoderma and comprising the step of :

- a. cleaning, drying in a manner such as herein described, followed by powdering Psorelea corylifolia (seed), Ammi majus (seed), Calotropis gigantea (root bark) and Aloe vera (leaves);
- b. preparing a mixture with 4-6% w/v of total volume of the seed powder of Psorelea corylifolia, 4-6% w/v of total volume of the seed powder of Ammi Majus, 5-10% w/v of the root bark powder of Calotropis gigantea and 4-8% w/v of leaves powder of Aloe vera;
- c. solvent extracting the active ingredients by mixing with ethanol followed by decoction at 45-50°C for 35-40 mins., followed vacuum filtration and concentration by distillation;
- d. mixing the concentrate decoction with petroleum jelly in the ratio of 1: 10 (v/w);
- e. adding Sesamum oil in the ratio of 1 : 10 v/w to Petroleum jelly and jasminum oil in the ratio of 1 : 100 (v/w) to petroleum jelly;

(Complete Specification 13 Pages Drawing NIL Sheet)

Indian Classification : 83 B4 190982

International Classification<sup>7</sup> : A23L 001/212

Title "A PROCESS FOR THE PREPARATION OF A STABLE COMPOSITION USEFUL IN DRYING OF GRAPES."

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).

Inventors NEMAKAL GIRIDHAR - INDIAN  
AKULA SATYANARAYANA – INDIAN  
KARAKALA BALASWAMY – INDIAN :  
DUBASI GOVARDHANA RAO – INDIAN

Application for Patent Number 804/Del/99 filed on 27<sup>th</sup> May 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi – 110 008.

(5 Claims)

A process for the preparation of a stable composition useful in drying of grapes, characterized in comprising ethyl esters of fatty acids present in edible vegetable oil of the kind as herein described, an conventional emulsifying agent and an antioxidant, said process comprises mixing the said ethyl ester of fatty acids with 0.1 to 0.2 weight percentage of emulsifying agents and 0.01 to 0.02 weight percentage of an anti-oxidant as define above, to get the desired stable composition.

(Complete Specification 9 Pages Drawings Nil Sheet)

Indian Classification	:	55E4	<b>190983</b>
International Classification <sup>4</sup>	:	A 61K 31/00.	
Title	:	<b>"A PROCESS OF PREPARING NEURAMINIDASE INHIBITORS CAPSULE".</b>	
Applicant	:	GILEAD SCIENCES, INC., of 333 Lakeside Drive, Foster City, California 9404, USA.	
Inventors	:	<b>NORBERT WOLFGANG          BISCHOFBERGER- <i>Austria</i>          TERRENCE CURTIS DAHL-US          MICHAEL JAMES MARTIN          HITCHCOCK-UK          CHOUNG UN KIM-US          WILLARD LEW-US          HONGTAO LIU-CHINESE          ROGER J. RAHAM MILLS-UK          MATTHEW ALAN WILLIAMS-US</b>	

Application for Patent Number 2791/DEL/98 filed on 17/09/1998

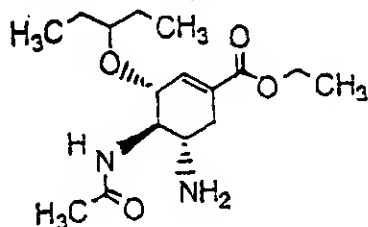
Convention date:-60/059,308; 08/938,644; 60/060195; 17/09/1997; 26/09/1997; 26/09/1997 USA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(04 Claims)

A process for preparing the neuraminidase inhibitors capsule, said process comprising:

- filing in a known manner a capsule with a compound of formula



enterically coating in a known manner the capsule with an enteric coating preparation comprising: Hydroxypropyl methylcellulose phthalate (HPMCP), Triacetin, Alcohol USP and Water to produce the said neuraminidase inhibitors capsule.

(Complete Specification 372 Pages Drawing 08 Sheets)

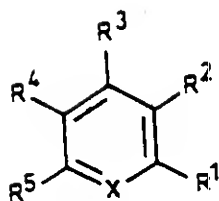
Indian Classification	:	32 F	190984
International Classification <sup>7</sup>	:	C07C 37/00	
Title	:	"A PROCESS FOR THE PREPARATION OF HYDROXY AROMATIC AND HETEROAROMATIC COMPOUNDS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	UDAY TRIAMBAKRAJ BHALERAO - INDIAN PARVATHI NEELAKANTAN - INDIAN BHIMAPAKA CHINA RAJU - INDIAN	

Application for Patent Number 3700/Del/98 filed on 9<sup>th</sup> Dec. 1998.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

### ( 5 Claims )

A process for the preparation of hydroxy aromatic and heteroaromatic compounds of general formula 1 of drawing accompanying this specifications where in



Formula - 1

X = CH

X = N

1.  $R^1 = OH$ ,  $R^2 = NO_2$ , and  $R^3 = R^4 = R^5 = H$  or
2.  $R^1 = OH$ ,  $R^2 = NO_2$ ,  $R^3 = R^4 = H$ ,  $R^5 = Cl$  or
3.  $R^1 = OH$ ,  $R^2 = R^4 = NO_2$ ,  $R^3 = R^5 = H$  or
4.  $R^1 = OH$ ,  $R^2 = R^4 = R^5 = Cl$  and  $R^3 = H$  or
5. A mixture of  $R^1 = OH$ ,  $R^2 = R^3 = R^4 = R^5 = Cl$  with

$R^3 = OH$ ,  $R^1 = R^2 = R^4 = R^5 = Cl$   
and x = N or CH

which comprises refluxing of halo aromatic compound such as herein described, and alkali hydroxide in tertiary butanol containing water in the range of 0.2-12 % by wt. for a period in the range of 3 to 10 hr, recovering the hydroxy aromatic and heteroaromatic compound of formula 1 where in  $R_1$ ,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$  and x as stated above by known methods.

(Complete Specification 19 Pages Drawings 1 Sheet)

Indian Classification	:	55E4	<b>190985</b>
International Classification <sup>4</sup>	:	A 61 K 31/00.	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF AN ACTIVE FRACTION FROM GLYCOSMIS ARBOREA USEFUL AS A HEPATOPROTECTIVE AGENT".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>AJIT KUMAR CHAKRAVARTY-INDIAN. BINAYAK DAS-INDIAN. APARNA GOMES-INDIAN. MINATI DAS-INDIAN. RAJEN VEDOSIROMONI-INDIAN. SHEILA ELIZABETH BESRA-INDIAN. PRATIMA SUR-INDIAN. DILIP KUMAR GANGULY-INDIAN.</b>	

Application for Patent Number 271/DEL/99 filed on 19/02//1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003  
Patent Office Delhi Branch, New Delhi – 110 008.

(10 Claims)

A process for the preparation of an active fraction from *Glycosmis arborea* useful as a hepatoprotective agent which comprises extracting by known methods (such as herein described) the aerial parts of the plant with a hydroxylic solvent, concentrating the extract, removing water-insoluble components from the extract concentrate by extraction with chlorinated solvents or ester solvents, extracting the clear aqueous solutions with a solvent such as n-butanol, evaporating the solvent to obtain the active fraction.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification	:	55E4.	190986
International Classification <sup>4</sup>	:	A 61K 31/00	
Title	:	<b>"A PROCESS FOR PREPARATION OF SPERMICIDAL VAGINAL TABLET".</b>	
Applicant	:	THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT ORGN., Ministry of Defence, Government of India, B-341, Sena Bhawan, DHQ F.O., New Delhi-110 001.	
Inventors	:	<b>CHAKRAVARTHY NAINAR DEVAKUMAR-INDIAN. GOVINDA SAMY ILAVAZHAGAN-INDIAN.</b>	

Application for Patent Number 317/DEL/99 filed on 24/02/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi - 110 008.

(06 Claims)

A process for the preparation of a spermicidal vaginal tablet comprising mixing an active component being a spermicidal agent prepared from neem in combination with a herbal masking agent such as herein described in a ratio of 1:1 to 5:1 with a vehicle such as herein described to obtain a mixture, followed by adding the mixture to hydroxy carboxylic acids and sodium bicarbonate being present in an amount of 5 to 20 % of the total weight of the tablet, compressing the product to obtain the tablet.

(Complete Specification Pages 09 Drawing NIL Sheet)

Indian Classification	:	32 F <sub>3</sub> C	190987
International Classification <sup>7</sup>	:	C07C 31/22	
Title	:	"AN IMPROVED PROCESS FOR RECOVERY OF GLYCERIN FROM FERMENTED MOLASSES."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	CHANDRA ISHWAR - INDIAN BALAKRISHNAN SRINIVASA - INDIAN VENKITAKRISHNAN GURUVAYUR RAJAGOPAL - INDIAN	

Application for Patent Number 3701/Del98 filed on 9<sup>th</sup> DEC. 1998.

Appropriate office for opposition proceedings. (Rule 4, Patents Rules, 2003, Patent Office Branch, New Delhi – 110 008.

( 6 Claims )

An improved process for the recovery of glycerin from fermented molasse as herein described which comprises of (a) evaporating the fermented molasses at pressures ranging from atmospheric to 250 mm Hg absolute, to obtain concentrate I, (b) adding the concentrate – I, in absolute ethanol slowly under stirring at temperature range of 25 to 35 deg.C, stirring the mass thoroughly for about 30 to 40 minutes till solid particles separate out, (c) separating by methods as herein described the clear liquid from the solids, (d) mixing the solids with absolute ethanol for washing, separating by methods as herein described the clear

liquid from the solids. (e) mixing the clear liquids as obtained in steps (c) and (d), (f) removing ethanol from the said mixed liquid by evaporation at pressures ranging from atmospheric to 250 mm Hg absolute, to obtain concentrate – II, (g) adding iso-propanol to the concentrate-II at 25 to 35°C, stirring the mass thoroughly for about 15 to 25 minutes to get a semi-solid mass (h) separating by methods as herein described the clear liquid from the semi-solid mass (comprising of unfermented sugars apart from small quantities of impurities as separated earlier). (i) removing iso-propanol from the said liquid by evaporation at pressures ranging from atmospheric to 250 mm Hg absolute, to obtain concentrate-III, (j) distilling the concentrate-III at pressure 2 mm Hg absolute and temperatures ranging from 185 to 215°C, to obtain glycerin which was light yellow in colour.

(Complete Specification 18 Pages Drawings Nil Sheet)

Indian Classification	:	55E4.	<b>190988</b>
International Classification <sup>4</sup>	:	A 61 K 31/00.	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF A WATER SOLUBLE BIOACTIVE COMPOSITION CONTAINING POLYSACCHARIDES FROM THE GUM RESIN EXUDATE OF BOSWELLIA SERRATA.</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>SUNIL KUMAR BANERJEE  OM PARKASH GUPTA  SUBHASH CHANDRA TANEJA  BISHAN DATT GUPTA  VIJAY KUMAR SETHI  AVTAR SINGH ANAND  LILA RAM MANHAS  RAJINDER KUMAR GUPTA  SARANG BANI  SURJEET SINGH  NEELAM SHARMA  SUKHDEV SWAMI HANDA-ALL INDIAN</b>	

Application for Patent Number 541/DEL/99 filed on 08/04/99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi - 110 008.

(03 Claims)

A process for the preparation of a water soluble novel bioactive composition containing polysaccharides from the gum resin exudates of *Boswellia serrata* which comprises extracting the gum resin exudates or defatted gum resin exudates with alkanol to produce marc, extracting the marc with water at room temperature and precipitating the bioactive fraction from the aqueous extract by addition of alcohol and purifying the said fraction by dissolving in water and reprecipitating with alcohol, followed by filtration and drying under vacuum at temperature below 50° C to obtain bioactive composition containing neutral sugars of the order 0.50% by wt., potassium salt of polysaccharides of the order of 0.17 wt %, calcium salt of polysaccharides of the order of 1.8 wt % and carbohydrate comprising arabinose, galactose and D-glucuronic acid of the order of 48.03 wt%.

(Complete Specification Pages 09 Drawing NIL Sheet)

Indian Classification : 55 E4 32 F<sub>2</sub>. 190989

International Classification<sup>4</sup> : A61K 38/40; C12 M 9/00; 11/00.

Title : "A PROCESS FOR THE PREPARATION OF A NEW THERMOSTABLE PROTEASE ENZYME FROM CLOSTRIDIUM SPECIES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : JHILLU SINGH YADAV  
ADARI BHASKAR RAO  
HARSHADAS MITARAM MESHARAM  
YADDANAPUDI SESA SIVA GANESH  
GUNDA SEENAYYA  
MALISETTY VENKAT SWAMY  
GOPAL REDDY-ALL INDIAN

Application for Patent Number 544/DEL/99 filed on 08/04/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003.)  
Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

1. A process for the preparation of a new thermostable protease enzyme from *Clostridium species* which comprises

- a) Culturing the *Clostridium species* having characteristics as herein described obtained from different sources as herein described under anaerobic conditions of inert gas by enrichment in serum vials containing a conventional nutrient medium as herein described at pH in the range of 6-8 at a temperature in the range of 20-70° C, for 2-20 hours
- b) fermenting the obtained culture from a) in a fermenting medium as herein described, filtering and centrifuging the fermented broth to obtain cellular enzyme, lyophilizing to get crude enzyme source
- c) precipitation of enzymes as obtained in step b) by adding ammonium sulphate of 0.1M-5M to obtain precipitate of protease enzyme
- d) Lyophilising the obtained protease to get desired thermostable protease enzyme

Indian Classification	:	55E <sub>4</sub> ; 83A <sub>1</sub>	190990
International Classification <sup>4</sup>	:	A 61 K 31/00; A 61K 39/00.	
Title	:	<b>"ENZYMATIC PROCESS FOR THE PREPARATION OF ASPARTAME".</b>	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	JHILLU SINGH YADAV. ADARI BHASKAR RAO. HARSHADAS MITARAM MESHAM. ATTALURI RAMACHANDRA PRASAD GUNDA SEENAYYA. MALISETTY VENKAT SWAMY. GOPAL REDDY-ALL INDIAN.	

Application for Patent Number 545/DEL/99 filed on 08.04.99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Delhi Branch, New Delhi - 110 008.

(03 Claims)

An enzymatic process for the preparation of  $\alpha$ -aspartame which comprises of reacting L-aspartic acid or N-protected L-aspartic acid with DL or L-phenylalanine methyl ester in the presence of novel thermostable protease enzyme as herein described at temperature range of 20-75<sup>0</sup>C at pH range of 4.5-7.8, incubation in the range of 2-20 hours, recovering the  $\alpha$ -aspartame or protected aspartame by known methods and converting protected aspartame into  $\alpha$ -aspartame by known conventional deprotection methods as described herein.

Complete Specification 12 Pages Drawing NIL Sheet)

Indian Classification	:	189	<b>190991</b>
International Classification <sup>4</sup>	:	A 61 F 13/16	
Title	:	"A DISPOSABLE ABSORBENT ARTICLE".	
Applicant	:	<b>THE PROCTER &amp; GAMBLE COMPANY,</b> a corporation organized and existing under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio- 45202, United States of America,	
Inventors	:	<b>DELMAR RAY MUCKENFUHS— U.S.A.</b> <b>KIM MARIE ROY— U.S.A.</b>	

Application for Patent Number 977/Del/1993 filed on 06.09.1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi – 110 008.

(06 Claims)

A disposable absorbent article including an absorbent core having a first surface and a second surface: a fluid permeable topsheet secured in overlaying relation to said first surface of said absorbent core: and a fluid impermeable backsheet secured in overlaying relation to said second surface of said backsheet including a layer of adhesive; characterized in that the said absorbent article comprises :

- (a) an individual wrapper covering the adhesive containing portions of the exposed surface of said backsheet, said wrapper being releasably affixed to said backsheet by virtue of said adhesive;
- (b) an elastic material secured to said backsheet, said absorbent article is being maintained in the said absorbent core in a substantially planar configuration while said wrapper is affixed to said backsheet, said absorbent article forming an upwardly cupped configuration when said wrapper is separated from said backsheet.

(COMPLETE SPECIFICATION 30 SHEETS      DRAWING SHEETS -09-)

Indian Classification	-	85 J	<b>190992</b>
International Classification <sup>4</sup>	-	F27C 21D	
Title	-	"An air pollution control device for use with the lime kilns."	
Applicant	-	Brijendra Narayan Pathak, an Indian, National of D-683, Chittranjan Park, New Delhi-110 019, India.	
Inventors	-	BRIJENDRA NARAYAN PATHAK -INDIA.	

Application for Patent Number 1044/Del/1994 filed on 16/08/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 5 )

An air pollution control device for use with a lime kiln comprising a conical hood secured with the top end of the lime kiln, a duct/collecting chute being secured with the central portion of said hood for conveying the exhaust/waste gases to the treatment chamber, an exhaust fan therein with an increase thrust, characterized in that said treatment chamber has first/lower part and second/upper part secured with each other, a chimney being provided at the top end of the treatment chamber for facilitating the exhaust of the treatment gases, an outlet being provided at the bottom of said treatment chamber for facilitating the discharge of the effluent from the treatment chamber.

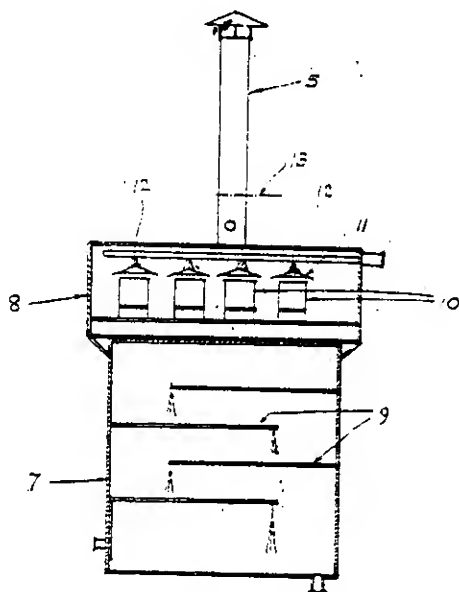


Fig. 2

Indian Classification	:	170 A	190993
International Classification <sup>7</sup>	:	C11D 10/00	
Title	:	"A PROCESS FOR MAKING HIGH DENSITY DETERGENT AGGLOMERATES."	
Applicant	:	THE PROCTER & GAMBLE COMPANY, a corporation organized and existing under the laws of the State of Ohio, United States of America, of one Procter & Gamble Plaza, Cincinnati, Ohio 45202, U.S.A.	
Inventors	:	SCOTT WILLIAM CAPECT - U.S.A. JAMES WILLIAM OSBORN - U.S.A. ADRIAN JOHN WAYNFORTH - BELGIUM PAUL VAN DUK - BELGIUM	

Application for Patent Number 1074/Del/94 filed on 24<sup>th</sup> Aug. 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi = 110 008.

( 10 Claims )

A process for preparing high density detergent agglomerates which comprises the steps of :

- (a) charging a viscous surfactant paste into a mixer/densifier wherein said surfactant paste has a viscosity of from 5,000 cps to 100,000 cps and contains from 70% to 95%, by weight of said surfactant paste, of a deterative surfactant and the balance water;
- (b) adding from 1% to 70% by weight of an anhydrous material selected from the group consisting of carbonates, sulfates, carbonate/sulfate complexes, tripolyphosphates, tetrasodium pyrophosphate, citrates, aluminosilicates, cellulosebased materials and organic synthetic polymeric absorbent gelling materials into said surfactant paste just prior to entrance into said mixer/densifier to absorb at least a minor amount of said water from said surfactant paste; and
- (c) agglomerating said surfactant paste and said anhydrous material by treating said surfactant paste and said anhydrous material initially in a high speed mixer/densifier and subsequently in a moderate speed mixer/densifier so as to form detergent agglomerates having a density of at least 650 g/l; and
- (d) optionally drying said detergent agglomerates.

(Complete Specification 17 Pages Drawings Nil Sheets)

Indian Classification	:	32 E	190994
International Classification <sup>7</sup>	:	C08G 18/00	
Title	:	"A FIRE RETARDANT COMPOSITION FOR USE IN A PLASTIC FOAM."	
Applicant	:	BAINS HARDING LTD., an Australian company, of 21 King Edward Road, Osborne Park, Western Australia 6017, Australia.	
Inventors	:	FIDENCIANO LOPEZ – AUSTRALIAN CHRISTOPHER JOHN REGAN – AUSTRALIAN	

Application for Patent Number 1250/Del/94 filed on 4<sup>th</sup> Oct. 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi – 110 008.

( 4 Claims )

A fire retardant composition for use in a plastic foam comprising a mixture of 50 to 60 weight percent ammonium halide, 5 to 15 weight percent ammonium monophosphate, 5 to 15 weight percent ammonium diphosphate and 20 to 30 percent weight urea.

(Complete Specification 20 Pages Drawings 1 Sheet)

Invention Classification	:	88D, 84A.	190995
International Classification <sup>4</sup>	:	C01L3/04	
Title	:	<b>"A PROCESS FOR PRODUCING LIMESTONE SLURRY WITH REDUCED SULFUR DIOXIDE CONTENT AND SYSTEM".</b>	
Applicant	:	Marsules Environmental Technologies LLC, a corporation of the state of Delaware, of 200 North 7 <sup>th</sup> Street, Lebanon, Pennsylvania 17046, USA.	
Inventors	:	<b>ELI GAL-US MICHAEL LYN MENGEL-US.</b>	

Application for Patent Number 1280/DEL/94 filed on 12/10/1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi – 110 008.

(13 Claims)

A process for producing limestone slurry having reduced SO<sub>2</sub> content in a wet desulfurization system for enhancing dissolution rate of limestone comprising:

bringing a sulfur containing flue gas in contact with an aqueous lime stone slurry containing ammonium ion and 0-50,000 ppm chloride ions, to achieve a lime stone dissolution rate of at least 20 mmole/h/g to about 350 mmole/h/g and thereby enhance removal of sulphur-di-oxide of said flue gas.

(Complete Specification    Pages 11    Drawing 04    Sheets)

Indian Classification	:	32 E	190996
International Classification <sup>7</sup>	:	C08G 18/14	
Title	:	"A METHOD FOR PREPARING A CLOSED CELL POLYURETHANE FOAM OF HIGH INSULATING POWER."	
Applicant	:	GENERAL ELECTRIC CO., a corporation of the state of New York, United States of America, residing at 1 River Road, Schenectady, State of New York 12345, United States of America.	
Inventors	:	MONICA ADRIAN FERRERO-HEREDIA - ARGENTINA JAMES DAY - U.S. GEORGE LOWEREE GAINES - U.S.	

Application for Patent Number 1422/Del/94 filed on 8<sup>th</sup> Nov.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi – 110 008.

( 6 Claims )

A method for preparing a closed cell polyurethane foam of high insulating power comprising simultaneously blending at least one polyisocyanate, at least one solid alkaline reagent in a carrier liquid selected from the group consisting of polyepoxide and polyoxyalkylenediamines, said carrier liquid being one which has a viscosity at 25°C in the range of 10-1000 centipoises, in an amount to maintain said alkaline reagent in stable suspension, which is compatible with closed cell polyurethane foams and in contact with which said alkaline reagent has a shelf life of at least 15 days, and foaming the resulting blend in the presence of a conventional blowing agent comprising at least in part carbon-dioxide or mixture thereof, wherein preferably the molar ratio of said alkaline reagent to theoretical carbon dioxide being is in the range of about 1-3:1,

(Complete Specification 12 Pages Drawings Nil Sheet)

Indian Classification :- 35 **190997**

International Classification<sup>4</sup> :- C04B 28/04

Title :- "An integral water proofing composition."

Applicant :- National Council for Cement & Buildings, Materials, of M-10 South Extension, Part-11, Ring Road, New Delhi-110 049.

Inventors :- Shri HARSH - INDIA,  
NARENDRA KUMAR JAIN - INDIA,  
SURINDER KUMAR HANDOO - INDIA,  
SUBHASH CHANDER AHLUWALIA - INDIA,  
AJAY KUMAR MULLICK - INDIA,

Application for Patent Number 1462/Del/1994 filed on 15/11/1994

Complete left after Provisional Specification filed on 15/11/1995 : 15/11/1994 Complete filed on :

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 02)

An integral cement water proofing composition comprising 5-10% by wt. sodium lignosulfonate, 5-10% by weight ca-stearate < 10% by weight bentonite and 70-80% by weight limestone mixed with each in the powdered form.

Provisional Specification	No of Pages	05	Drawings Sheets	
Complete Specification	No of Pages	06	Drawings Sheets	NIL

Indian Classification	: 32 A <sub>2</sub>	190998
International Classification <sup>7</sup>	: C09B 67/50	
Title	: "METHOD OF PREPARING A NON-AQUEOUS DISPERSION OF COPPER PHTHALOCYANINE."	
Applicant	: AVECIA LIMITED, a British company of Hexagon House, Blackley, Manchester, M9 8ZS, England.	
Inventors	: DEAN THETFORD - BRITISH JOHN DAVID SCHOFIELD - BRITISH	

Application for Patent Number 1555/Del/ 94 filed on 30<sup>th</sup> Nov. 94.

Convention date 23.12.1993/ 9326374.7/ U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 12 Claims )

A method for preparing a non-aqueous dispersion of a copper phthalocyanine (CuPc) pigment which comprises milling crude CuPc in a high boiling aliphatic and/or aromatic distillate at a temperature from 50 to 150°C in the presence of:

- a) a polyester amine or polyester ammonium salt which contains the residue of a polyhydroxy carboxylic acid of formula 1.



wherein

A is divalent hydrocarbyl;

Y is hydrogen or optionally substituted hydroxycarbyl;

N is from 1 to 100; and

- b) an ammonium salt of a sulphonated copper phthalocyanine fluidizing agent which contains from 19 to 60 carbon atoms in at least 3 chains attached to the nitrogen atom of the ammonium salt.

(Complete Specification 16 Pages Drawings Nil Sheets)

Indian Classification	:	64 B, 68 E	190999
4			
International Classification	:	H 01R 27/02, H 01R 13/70	
Title	:	"POWER ADAPTER FOR COUPLING A POWER SOURCE"	
Applicant	:	MOTOROLA, INC., a corporation of the State of Delaware, United States of America, of 1303 East Algonquin Road, Schaumburg, Illinois, 60196, United States of America.	
Inventors	:	DAVID MARK DEMURO – U.S. MIKE MENACHEM ALBERT – U.S. JOHN ALAN KALENOWSKY – U.S.	

Application for Patent Number 1584/DEL/94 filed on 07.12.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Branch, New Delhi – 110 008.

(6 Claims)

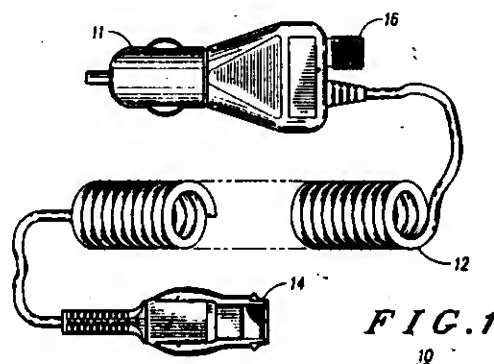
A power adapter device for coupling a power source to a communication device comprising

at least one power connector coupled to said power source, said power connector having a radio frequency (RF) port for coupling radio frequency signals from an antenna external to said communication device;

a cable coupled to said power connector for providing power and RF signals to and from said communication device; and

a user selectable switch integrally connected with said power connector for selecting an antenna.

(Complete Specification Pages – 12 Drawing sheets – 4)



Indian Classification	:	32 E	191000
International Classification <sup>7</sup>	:	C08L 75/00	
Title	:	"A POLYMER COMPOSITION WITH ENHANCED BIODEGRADABILITY."	
Applicant	:	THE PROCTER & GAMBLE COMPANY, a corporation organized and existing under the laws of the State of Ohio, United States of America, of one Procter & Gamble Plaza, Cincinnati, Ohio 45202, U.S.A.	
Inventors	:	ROBERT S. HONKONEN - U.S.A.	

Application for Patent Number 1666/Del/94 filed on 22<sup>nd</sup> Dec. 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 4 Claims )

A polymer composition having enhanced biodegradability, comprising a blend of:

- (i) a polymer containing base-hydrolyzable bonds, selected from polyesters comprising bisphenol A or hydroquinone and a carboxylic acid and polyamino acid which are poly (γ-glutamic acid) or poly aspartic acid; and
- (ii) at least 1% by weight based on the weight of said polymer of a substantially water-insoluble, pH-modifying basic compound, such as herein described said compound having a 25°C solubility product constant in water of from about  $1 \times 10^{-6}$  to about  $1 \times 10^{-13}$ .

(Complete Specification 22 Pages Drawings Nil Sheets)

## OPPOSITION PROCEEDINGS

The Patent Application No. 181397 (291/BOM/1994) titled "A less injurious to health cigarette" made by Mr. Chandrakant Damodardas Gandhi, Mumbai is treated as relinquished under Section 25 of the Act.

## OPPOSITION PROCEEDINGS UNDER SECTION 25.

The Patent Application No. 186587(583/BOM/99) titled "An improved process for the manufacture of carvedilol" made by M/s. Cipla Limited is treated as deemed to have been abandoned under Rule 58(2).

The Patent Application No. 186635 (210/BOM/96) titled "A compact free flowing non sticky detergent powder with high liquid carrying capacity and a cold mixing method for the manufacture of the same made by M/s. Godrej Soaps Limited is treated as deemed to have been abandoned under Rule 58(2).

The Patent Application No. 186848 (173/BOM/98) titled "An improved closure and the method of manufacturing the same" made by Mr. Rjendra Somani is treated as deemed to have been abandoned under Rule 58(2).

The Patent Application No. 187167 (923/BOM/99) titled "A process of producing Nime Sulide Injection" made by M/s. Alembic Limited is treated as deemed to have been abandoned under Rule 58(2).

The opposition entered by M/s. Bajaj Auto Ltd., Pune to the grant of a Patent to the application No. 187888 (944/Del/93) has been withdrawn and the application for patent has been ordered to proceed for sealing.

## OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. The Gillette Company, U.S.A. to the grant of a Patent on Patent Application No. 189103 (188/BOM/1997) made by Mr. Bernardene Fernades, Goa 403 508.

## RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 176483 made by Krone Aktiengesellschaft on 17.4.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 177074 made by Deutsche Thomson-Brandt GmbH on 5.4.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 178520 made by Franz Plasser Bahnbaumachinen-Industriegesellschaft M.B.H. on 8.3.2002 has been allowed and the said Patent is restored.

## RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 184914 granted to Marimuthu Ramu Thiyagarajan for an invention relating to a low cost improved internal combustion engine with increased mechanical efficiency, fuel saver and pollution controlled.

The Patent ceased on the 4.9.2002 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14.6.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents. The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 6.11.2003 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the

facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 184942 granted to Sime Industrie for an invention relating to fixed fluid capacity fluid coupling.

The Patent ceased on the 11.3.2002 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14.6.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents. The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 6.11.2003 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 185225 granted to Sandeep Dere for an invention relating to an improved emitter for a drip irrigation system and a drip irrigation system composing the same.

The Patent ceased on the 10.4.2002 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14.6.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents. The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 6.11.2003 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 187046 granted to Ormet Corporation for an invention relating to a method for treating a red mud bauxite residue.

The Patent ceased on the 23.12.2002 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14.6.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents. The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata 700 020 on or before the 6.11.2003 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

PATENT SEALED ON 01-08-2003





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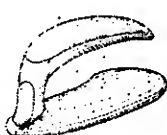


**REGISTRATION OF DESIGNS**

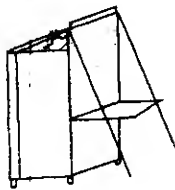




The following designs have been registered. They are open for public inspection. (Colour combination if any, is not shown in the representation)






The dates shown in the following each entry is the date of registration.






Class.	09-03	No.190498. ITC LIMITED, VIRGINIA HOUSE, 37, J.L. NEHRU ROAD, KOLKATA;-700 071, W.B., INDIA. "CIGARETTE PACK", 21 NOVEMBER 2002.	
Class.	19-06	No.189424. MERZ & KRELL GmbH & CO. KgaA, BAHNHOFSTRASSE 76, 64401 GROSS-BIEBERAU, GERMANY. "COMPONENT FOR WRITING INSTRUMENT", 9 JANUARY 2002 [PRIORITY GERMANY].	
Class.	28-01	No.190311. MRS. SANGAM PUSHPAVATHI, KEERTI ENCLAVE-104, RING ROAD, CHANDRAMOULI NAGAR, 6TH LANE, GUNTUR-522 006, ANDHRAPRADEH, SOUTH INDIA. "SANITARY PAD", 31 OCTOBER 2002.	
Class.	21-01	No.190333. MH. MOHD. ASHRAF QURESHI, 7352 STREET TELIYAN, SADAR BAZAR, DELHI:-110006. "TOY CAR", 30 OCTOBER 2002.	



Class.	26-04	No.190444. CONA INDUSTRIES, 20/21, NIRAJ INDUSTRIAL ESTATE, OFF: MAHAKALI CAVES ROAD, ANDHERI EAST, MUMBAI-400093, MAHARASHTRA, INDIA. "ULTRA SLIM TUBE LIGHT FIXTURE WITH REFLECTOR", 15 NOVEMBER 2002.	
Class.	25-99	No.190452. SAUDAGAR MAL MAMMAN LAL PVT. LTD., 4906 HAUZ QAZI, DELHI-110006, INDIA. "CHAIN LINK", 14 NOVEMBER 2002.	
Class.	09-01	No.190525. MODICARE PRIVATE LTD., 4, COMMUNITY CENTRE, NEW FRIENDS COLONY, NEW DELHI:-110065, INDIA. "BOTTLE", 25 NOVEMBER 2002.	
Class.	23-04	No.190872. COOL INDIA, B-37, SARVAN PARK, MUNDKA, NEW DELHI:-110041, INDIA. "COOLER CABINET", 1 JANUARY 2003.	
Class.	23-04	No.190873. COOL INDIA, B-37, SARVAN PARK, MUNDKA, NEW DELHI:-110041, INDIA. "COOLER CABINET", 1 JANUARY 2003.	

Class.	12-15	No.190947. MRF LIMITED, 124 GREAMS ROAD, CHENNAI:-600 006, TAMIL NADU, INDIA. "PRECURED TREAD RUBBER", 8 JANUARY 2003.	
Class.	05-05	No.190991. THE RISHABH VELVELLEN LIMITED, 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 10 JANUARY 2003.	
Class.	14-02	No.191005. GUNILLA ALSIO, KISTA, NATIONALITY: SWEDEN, P.O. BOX 1077, SEM SWEDEN, 16425 KISTA. "DATA INPUR DEVICE", 9 JULY 2002,[PRIORITY U.S.A.]	
Class.	25-01	No.191034. BHP STEEL LIMITED, 1 YORK STREET, SYDNEY, NEW SOUTH WALES 2001, AUSTRALIA. "CLIP FOR ROOFING PANEL", 29 JULY 2002,[PRIORITY AUSTRALIA].	
Class.	02-04	No.191193. AJAY PLASTIC INDUSTRIES (INDIAN), ADDRESS 95-96, SHAHZA-DA BAGH EXTENSION, DELHI:-35 (INDIA). "FOOTWEAR", 3 FEBRUARY 2003.	

Class.	09-05	No.191220. SAMEER MAHINDRA, 9 SRI FORT ROAD, GROUND FLOOR, NEW DELHI: -110 049, INDIA. "BAG WITH SEAT", 10 FEBRUARY 2003.	
Class.	24-99	No.191201. ZENITH FINESSE PVT. LTD., TRUST HOUSE, 4 <sup>TH</sup> FLOOR, 32A, CHITTARANJAN AVENUE, KOLKATA :-700 012, W.B., INDIA. "SUGAR REDUCING DEVICE", 4 FEBRUARY 2003.	
Class.	23-99	No.191246. M/S. ECOMATE INDUSTRIES, 7/426, KOZHICKOTTUTHARA, EAST APPANGAD, NARAKAL P.O., ERNAKUL-AM DISTRICT, KERALA, PIN-682505, INDIA. "WATER DISTILLATION APPARATUS", 11 FEBRUARY 2003.	
Class.	23-02	No.191283. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "SHOWER HEAD", 13 FEBRUARY 2003.	
Class.	23-03	No.191284. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "INSTANT WATER HEATER", 13 FEBRUARY 2003.	

Class.	23-03	No.191285. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "INSTANT WATER HEATER", 13 FEBRUARY 2003.	
Class.	23-03	No.191286. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "INSTANT WATER HEATER", 13 FEBRUARY 2003.	
Class.	23-03	No.191287. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "INSTANT WATER HEATER", 13 FEBRUARY 2003.	
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Class.	23-03	No.191289. ATMOR INDUSTRIES LTD 31, HALECHI STREET, SNEI BRAK 51200, ISRAEL. "INSTANT WATER HEATER", 13 FEBRUARY 2003.	

Class.	01-01	No.191295. BHARAT FOOD PRODUCTS, WACO COMPOUND, PLOT NO.2, INDUSTRIAL AREA, ULHASNAGAR -421 004, MAHARASHTRA, INDIA. "BISCUIT", 14 FEBRUARY 2003.	
Class.	08-06	No.192302. KRISHAN KUMAR GUPTA, AN INDIAN NATIONAL OF N-1, CHITTRANJAN PARK, NEW DELHI:-110019, INDIA."DOOR HANDLE", 10 JUNE 2003.	
Class.	26-05	No.191322. N.R. ELECTRONIC CORPORATION, 1690, SUNDER BHAWAN, BHAGIRTH PLACE, DELHI:-110 006, INDIA. "LAMP", 18 FEBRUARY 2003.	
Class.	22-06	No.191397. PEST CONTROL (INDIA) LTD., 36/2, SRIRAMANH-ALLI, RAJANKUNTE, P.O. BOX.6426, YELAHANKA, BANGALORE:- 5600 064. "INSECT WATER TRAP", 28 FEBRUARY 2003.	
Class.	24-09	No.191402. SPACEAGE MULTIPRODUCTS (P) LTD., 16, GANESH CHANDRA AVENUE, KOLKATA-700013, WEST BENGAL, INDIA. "HEALTH OXYGEN EQUIPMENT EXERCISER", 28 FEBRUARY 2003.	

Class.	04-02	No.191476. COLGATE-PALMOLIVE COMPANY OF 300 PARK AVENUE, NEW YORK, U.S.A. 10022. "POWERED TOOTHBRUSH BRISTLE PATTERN", 11 MARCH 2003.	
Class.	13-03	No.191647. M/S. LARSEN & TOUBRO LIMITED, L&T HOUSE BALLARD ESTATE, MUMBAI: - 400 001, MAHARASHTRA, INDIA. "BUSBAR SYSTEM", 25 MARCH 2003.	

Dr. S. N. MAITY  
Controller General of Patents, Designs & Trademarks